

Smoke Signals

For Radio Amateurs • By Radio Amateurs

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Racine Megacycle Club Members Tour Emergency Dispatch Communications Center



Dave Smith, 911 Director, explains the Racine 911 emergency dispatch and communications facilities for the Racine Megacycle Club. In the center of the photo are RMC President Brian Roosa, WD9FRH, and his wife, Nancy, KB9GAM.

- Photo courtesy of Arne Moxness/KA9ZPY

Radio Amateur Cited for "Indecent Speech"

The Federal Communications Commission (FCC) has cited an amateur for indecent speech on the 20-meter band. On September 23, the Commission announced a Notice of Apparent Liability (NAL) for 2,000 dollars had been sent to Allen Burton, KA4URC, of Hornbeak, Tennessee, allegedly for willful violation of FCC Rule 97.113(D), which prohibits transmission of indecent words and language on Amateur Radio stations.

Burton, 60, is a General Class licensee. According to the NAL, on the afternoon of June 29, 1992, the Commission's Kingsville, Texas office monitored a conversation on 14.300 MHz which included KA4URC. "We find," the NAL said, "that the words and language transmitted are indecent within the meaning of Section 97.113(D) and prevailing Supreme Court and Commission precedent.

"We find that the transmissions describe sexual acts and organs in a patently offensive manner and

go well beyond what an average adult person in any community would consider to be worthy of protection," the Commission said.

The NAL said one of the Commission's goals is to protect children from exposure to sexually explicit communications over the airwaves, and noted here that the transmissions were made in the summertime in the afternoon when there is a real likelihood that children are listening. An American Radio Relay League survey of young radio amateurs was used as corroboration.

Burton was fined less than the 5,000 dollars that Commission guidelines would have allowed, because it was his first offense and because he is an individual rather than a corporation (such as a commercial radio or television station). Burton has 30 days in which to pay the fine or to explain why it should be reduced or not imposed.

- ARRL Bulletin 91, 9/24/92

Amateur Killed in Hurricane Relief

**KD4OZY One of Hundreds
Helping in S. Florida, Louisiana**

Herbert Engelman, KD4OZY, of Lake Worth, Florida, died Wednesday, September 2, 1992, as a direct result of his activities in Hurricane Andrew relief.

Engelman, 55, a night school administrator in Palm Beach County, was struck by lightning on Sunday, August 30, a week after the Hurricane struck, while helping unload an Army helicopter near a distribution center in Homestead. A witness told the *Palm Beach Post* that Engelman was "using a hand-held radio to relay information to a mobile ham-radio operator" when he ran out to meet the helicopter during a thunderstorm.

Manny Papandreas, W4SS and ARRL Section Emergency Coordinator for South Florida, told the *Post* that Engelman was one of about a hundred amateurs from as far away as New York who brought radio equipment to Dade County "to relieve radio operators there."

The newspaper reported that "Ham operators are stationed at food distribution centers, relaying information among distribution sites, emergency operations headquarters and the regional staging area at the South Florida Fairgrounds in West Palm Beach.

"Most volunteers are members of the American Radio Relay League and have mutual aid agreements," the newspaper said.

Engelman, who moved to Florida from Missouri about 10 years ago, taught adult and disabled students. He was a medic and a Navy SEAL in Vietnam, and was past commander of a VFW post in Neosho, Missouri.

More than 120 people attended his funeral on Sept. 4 at the First Congregational Church of Lake Worth, according to the *Post*.

Engelman leaves his wife, Bonnie; his mother, Helen Engelman; two adult daughters; and five grandchildren.

Memorial donations in his name may be made to the American Lung Association.

- The ARRL Letter, 9/15/92

SOUTH SANDWICH ISLAND/VP8SSI: KJ9I tells the story on page 8 of this issue!

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ELMER

By Rich Regent, K9GDF



Badger State Smoke Signals

What's Happening

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Edited by Kenneth A. Ebnetter, K9EN • 822 Wauona Trail • Portage, WI 53901

Swapfests and Other Social Events

SUNDAY, OCTOBER 11, 1992. The KMRA 1991 Computer and Ham Radio Swapfest will be held at the Waukesha County Exposition Center, Hwys. J and FT in Waukesha, WI. Contact KMRA Swapfest, P.O. Box 411, Waukesha, WI 53187-0411.

SUNDAY, OCTOBER 25, 1992. Packet Radio Seminar co-sponsored by the Chicago Area Packet Radio Association (CAPRA) and Kantronics. Held at the Harper Community College, Palatine, IL. Contact: CAPRA, PO Box 8251, Rolling Meadows, IL, 60008. (708) 420-2405. (see also ad in this issue of BSSS)

SAURDAY, OCTOBER 31, 1992. HAMFEST MINNE-SOTA. Held at the St. Paul Civic Center, I.A. O'Shaughnessy Plaza, 143 West 4th ST., St Paul, MN. Contact: Hamfest Minnesota, PO Box 5598, Hopkins, MN 55343, or call Hamfest Minnesota Information Line: (612) 535-0637

SAURDAY, NOVEMBER 7, 1992. "6.91 Friendly Fest", Serb Hall, 51st & Oklahoma Ave., Milwaukee, WI. Contact: The Milwaukee, Repeater Club, P.O. Box 2123, Milwaukee, WI 53201.

SAURDAY, NOVEMBER 7, 1992. Riverland Amateur Radio Club Swapfest at the Onalaska Community Center, 515 Quincy St., Onalaska, WI. \$1.00 donation requested. Tables - Free (first come first served). Contact: Judy Williams, N9LGV, P.O. Box 621, Onalaska, WI 54650. (608) 783-8028.

SUNDAY NOVEMBER 8, 1992. Fox Cities Hamfest 92 presented by the Fox Cities ARC at the Starlite Club, at the corner of state hwy 55 and cty JJ. (North of Kaukauna). Amateur License exams

Badger State Smoke Signals

Amateur Radio Education and Information

CHAIRMAN: Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560.

EDITOR: Jim Romelfanger, K9ZZ, 412 1/2 Ash Street, Baraboo, WI 53913. Telephone (608) 356-4031.

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Subscriptions

1 year	(12 issues)	\$9.75
2 years	(24 issues)	\$18.00
3 years	(36 issues)	\$26.00

Special club package reduced rates are available. For information, contact Ken Ebnetter, K9EN.

When to Send It

The closing date for each issue is the first of the month for the next month's issue. For example, the closing date for the June issue is May 1.

The only exception is for participating clubs. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For

(see testpoint). Contact Don Baker, NB9J, 217 Grant St., Little Chute, WI 54140. (414) 687-0572. (also see the ad in next months BSSS).

SAURDAY, NOVEMBER 14, 1992. Fort Wayne, IN Hamfest. Contact AC-ARTS, P.O. Box 10342, Fort Wayne, IN 46851.

SUNDAY, JANUARY 10, 1993. 21st Annual WARAC MIDWINTER swapfest, Waukesha County Expo Center Forum, Waukesha, WI. Contact WARAC Swapfest, P.O. Box 1072, Milwaukee, WI 53201. Please note this will be on a Sunday next year instead of the previous Saturday dates. (see also ad on back page.)

SUNDAY, APRIL 4, 1993. Madison, WI Swapfest, sponsored by MARA. Contact MARA, PO Box 8890. Madison, WI 53708-8890. (608) 249-7579. Watch for flyer, and see ad back page.

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages. For information on rates and requirements for our advertising pages, please contact K9ZZ or K9EN.

Greatest Radio Lies
by Pete Kemp, KZ1Z

I'm from the FCC and I'm here to help you.

My packet callsign really is PK232.

Me? I've never run excessive power.

My NTS messages always arrive within 24 hours.

Your RST is 5 by 9, please repeat my report.

example, if a club meets on the 4th of the month, the material should be sent no later than the 9th of that month. This material is to be sent to the Editor.

Where to Send It

Address changes and corrections should be sent to Ken Ebnetter.

Editorial material, photographs, feature articles, display ads, and exchange papers should be sent to Jim Romelfanger.

Inquiries about advertising should be directed to Ken Ebnetter.

Swapfest information should be sent to Ken Ebnetter. Swapfest ads should be sent to Jim Romelfanger.

Subscriptions should be sent, with check or money order, to Jim Decker.

Conditions for Reprinting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*. This credit is mandatory, and no material may be printed unless it is given. This newspaper is produced by volunteer Radio Amateurs, and is non-profit. This newspaper is mailed from Portage, WI 53901.

Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

Club Meetings



Due to space limitations, we cannot always carry the full listing of Wisconsin and area club meetings. Please see the September 1992 meetings column for the latest complete listing. The following are additions or changes since that listing.

RIVERLAND AMATEUR RADIO CLUB
First Tue. - 7:00 p.m. - Onalaska Community Center, Onalaska WI.

The Test Point



Amateur Radio Examination Locations and Schedules in the Wisconsin Area

The following are known locations where Amateur Radio license examinations are scheduled in the Badger State area.

October 10, 1992	Madison, WI
October 10, 1992	Milwaukee, WI (MRAC)
October 11, 1992	Milwaukee, WI (BE)
	KMRA Swapfest
October 17, 1992	Medford, WI
October 17, 1992	Eau Claire, WI
October 20, 1992	Milwaukee, WI (MRAC)
October 27, 1992	Sheboygan, WI
October 31, 1992	Milwaukee, WI (MRAC)
October 31, 1992	St. Paul, MN
	HAMFEST Minnesota
November 7 1992	Menomonie, WI
November 7, 1992	Milwaukee, WI
	6.91 Friendly Fest
November 9, 1992	Onalaska, WI
November 14, 1992	Madison, WI
November 14, 1992	Fond Du Lac, WI
November 14, 1992	Marshfield, WI
November 17, 1992	Milwaukee, WI (MRAC)
November 21, 1992	Milwaukee, WI (BE)
November 21, 1992	Dubuque, IA
November 28, 1992	Milwaukee, WI (MRAC)
December 5, 1992	Stevens Point, WI
December 12, 1992	Madison, WI
December 15, 1992	Milwaukee, WI (MRAC)
December 19, 1992	Milwaukee, WI (BE)
January 9, 1993	Marshfield, WI
March 13, 1993	Marshfield, WI
May 8, 1993	Marshfield, WI
July 10, 1993	Marshfield, WI
September 11, 1993	Marshfield, WI
November 13, 1993	Marshfield, WI

Monthly, First Sat. Racine, WI
(except January, July & August)
Monthly, Last Sat. Tomahawk, WI
(January thru October only)
Monthly, Third Sat. Loves Park, IL

Many Swapfests/Hamfests offer exam sessions. If not shown above contact the sponsoring club in the Swapfest column on page 2.

GENERAL RULES FOR MOST EXAMINATIONS:

Be sure to check with sponsors in the event there are changes and/or errors in the dates or information given.

Most examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs permit walkins. Check with sponsor.)

To register, you must first secure a copy of the current FCC Form 610 and fill it out completely (AND CORRECTLY). Get your form from an FCC Field Office, the ARRL or Badger State Smoke Signals. Send a 29¢ SASE if you request one from the ARRL or BSSS. In most cases, forms can also be obtained from the sponsoring group.

ARRL/VEC examinations require a check for \$5.40 payable to "ARRL/VEC".

The FCC now requires applicants to show their original Amateur license to the VEC. A copy of your license must be attached to your FCC form 610. You will also be required to have a photo ID, or other acceptable identification.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only.

Additional information is given below.

MILWAUKEE RADIO AMATEURS' CLUB (MRAC/VEC)

TUESDAY DATES: At 6:30 p.m. at church, 11709 West Cleveland Ave., West Allis, WI.

LAST SATURDAY DATES: At 8:30 a.m. in the lower level of Savings and Loan, 7500 W. State St., Wauwatosa, WI.

SECOND SATURDAY DATES (SWAT team): 1:00 p.m. at Wauwatosa Savings and Loan, 6560 S. 27th St., Oak Creek, WI.

For Additional Information Contact; Jack Krause, W9JK, 1737 N. 116th St., Wauwatosa, WI 53226. (414) 774-6999 or Les Peterson, W9YCV, 9741 W. Howard Ave., Greenfield, WI 53228. (414) 321-4745.

Bring along your original license and two (2) good quality photocopies, plus two forms of identification, such a driver's license, etc. Also required are a pen and \$5.00 for the exam fee. WALK-INS are welcome. To register in advance, use a post card: print the grade of license you are applying for, and your name, address, and telephone number. Send the card to MRAC/VEC, c/o Jack Krause, W9JK, or Les Peterson, W9YCV at the addresses shown above.

BADGER EXAMINERS (BE) - MILWAUKEE

Unless otherwise noted, examinations are administered beginning at 1:00 p.m. to 3:30 p.m. at St. Nicholas Church basement, 5345 N. Green Bay Ave. (2 1/2 blocks south of Silver Spring), Milwaukee. Walk-ins are welcome. CW waiver forms are available. Please send a request with an SASE prior to taking an exam, so it is ready when attending the session. To register in advance, send a post card with your name, test or tests you wish to take, date you wish to take., your call sign, address and telephone number to Badger Examiners, Gary J. Sharbuno, W19M, 5119 W. Willow Rd., Brown Deer, WI 53223. Telephone (414) 355-0237.

MADISON WI

Monthly, every second Saturday

Exams held at 8:00 a.m. in the Operations Building of the Madison Metropolitan Sewerage District, 1610 Moorland Rd. Turn South off Highway 12 & 18 on South Towne Drive, go 3/4 mile until South Towne Drive becomes Moorland Rd. Turn right into the treatment plant. Follow the road to the building with the 160 Ft. tower. Go in to the first room on the right. For further information contact Mark E. Jenks, N29B, 1718 Washington St., Mount Horeb, WI 53572 (608) 832-6631.

EAU CLAIRE, WI

October 17, 1992

Held 9:00 a.m. to 12:00 noon at St. Olaf's School on the North Lane in Eau Claire, WI., near the airport. Contact Carl Searing, W9NW. (715) 834-1303.

MEDFORD WI - ARRL/VEC

October 17, 1992

Held 8:30 a.m. at the Multi-purpose building (yellow) located at the Taylor County Fairgrounds in Medford, WI. From Highway 13 & 64, turn east on 64 and enter the second driveway on the north side of the road, across from the Auto Stop convenience store. Advance reservation appreciated, but walk-ins accepted. Contact Greg Garner, WA9W, (715) 453-7096 or Mike Schoenfuss, N9GHZ, (715) 223-3996, and leave a message with your name, phone no., and exam element wanted.

FOND DU LAC - (W5YI-VEC)

Saturday, Nov. 14, 1992.

The Fond du Lac County VEs will administer exams starting promptly at 1:00 pm, please be on time. Exams are given at the Red Cross Building, 272 N. Main St., Fond du Lac, WI 54935. Please use the back entrance. Talk-in on 147.09+. Walk-ins only, no preregistration is needed. For more info call: Gary Pelletier, KA9QOT (608) 837-3433.

MENOMONIE WI - ARRL/VEC

Saturday: Nov. 7, 1992

The Northern Wisconsin Radio Club sponsors exams from 9 to 11:30 a.m. at the U. W. Stout Communications Center, 820 South Broadway, Menomonie, WI. Use front entrance of building. Walk-ins are accepted only to extent of available exam materials.

Contact: Jim Ley, NX9F, (715) 235-3998 (H); or (715) 232-1397 (O).

MARSHFIELD, WISCONSIN

1992 dates: Nov 14.

Sponsored by the Marshfield Area ARS. Second Saturday every other month, at St. Joseph Hospital, School of Nursing entrance. Room 124. St. Joseph Ave., Marshfield, WI. Walk-ins Welcome. Contact Walter Friant, WBOKIN, 2310 Wal-lonnie Dr., Marshfield, WI 54449. (715) 387-3870

SHEBOYGAN, WI, October 27th

The SCARC VE team (ARRL/VEC) will administer Amateur Radio License Exams at 6:30 p.m. at the Red Cross Building, 2032 Erie Ave., Sheboygan. Preregistered applicants will have first priority. For registration information contact Tom Hetzel, AA9BJ, 1658 S. 26th, Sheboygan, WI 53081. Phone (414) 458-2307.

RACINE, WISCONSIN - ARRL/VEC

Monthly - first Saturday, except January, July, and August.

Exams are given 9:00 to 11:00 a.m. at the Red Cross Building, 4521 Taylor Avenue, Racine. Walk-ins are permitted. Inquiries and registrations should be directed to William Firchow, Jr., NW9P, 1912 27th Street, Kenosha, WI 53140, telephone (414) 658-8390.

TOMAHAWK, WI

Last Saturday of every month. Jan. thru Oct.

Tomahawk Volunteer Examiners (ARRL/VEC). Tomahawk, WI. No preregistration required, but appointment would be appreciated. Registration at 8:30 a.m. and testings starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Greg Garner, WA9W, 4088 Highway 51, Harshaw, WI 54529. Telephone (715) 453-7096.

STEVENS POINT, WI - ARRL/VEC

December 5, 1992

Contact: Joe Larson, (715) 344-1182 (evenings).

APPLETON, WI - ARRL/VEC

Contact: Larry Siebers, (414) 788-3823

ONALASKA, WI

November 9, 1992

Contact: Rick Williams, KV9U, 534 Troy St., Onalaska, WI 54650. (608) 783-8028.

HAMFEST MINNESOTA, October 31, 1992

Register by October 15, 1992. Contact: Jerry Jensen, W1OW, 10900 Ewing Ave., South, Bloomington, MN 55431. (612) 888-6187.

DUBUQUE, IOWA - ARRL/VEC

1992 examination dates: November 21. The Great River ARC VEs are now field-stocked with examinations, which means that retests can be given immediately. Exams are held at 9 a.m. at the Central Fire Station, 9th and Central, Dubuque. Use the basement entrance on 9th Street. Talk-ins are on 147.84/24, 147.63/03, and 146.295/895 repeaters. Contact Mike Jozefowicz, NSOU, 2735 Hockory Hill, Dubuque, Iowa 52001, (319) 582-8563.

LOVES PARK, IL

Third Saturday of every month. Northern Illinois Volunteer Examiners (DeVry VEC). Held

at North Suburban District Library, 6340 North Second St. (Hwy. 251), Loves Park, IL. Contact: Paul K. Dean, WB9HGZ, (815) 987-6754.

Out of State Exams

Information Provided
by the ARRL/VEC



IOWA

Clinton, 319-242-1281, James N Berkey
Cresco, 319-547-5329, Jim Murphy N0PRK
Dubuque, 319-582-8563, Mike Jozefowicz
Des Moines, 515-967-3890, Jim Snapp

ILLINOIS

Oak Forest, 312-247-0650, William Koltz
Dixon, 815-284-6380, Charles W Randall

MICHIGAN

Houghton, 906-337-2542, George R Thurner

MINNESOTA

Mentor, 218-637-2949, James Paulick
Blaine, 612-537-2649, Thomas Cunningham
Eden Prairie, 612-931-5721, Dean Anderson
(W5YI/VEC)
St Paul Park, 612-459-8678, David Harrell
Bloomington, 612-888-6187, Arthur Jensen
St Paul, 612-222-7253, John Bellows

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules. Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to K9EN at the address shown on page 2.

ARRL HQ BBS

The ARRL's computer bulletin board has expanded to five phone lines for better service, with support for modem speeds up to 14.4 k/bauds. Its new number is 203-666-0578.



SSB

SELL SWAP BUY

OUR WANT ADS GET RESULTS

FOR SALE: Kenwood SSB filters: YK-88S1 \$55.00 shipped, .455 KHz. IF CFJ455K \$25.00 shipped. Both \$60.00. (414) 685-5018.

FOR SALE: Colorful United States Stamps. 100 all different. \$1.00 postpaid. Richard Regent, K9GDF, 5003 South 26th St., Milwaukee, WI 53221.

WANTED: Old or unusual telegraph keys and bugs. Contact Jerry Scherkenbach at call book address, telephone (414) 481-8831 or Packet radio N9AW @ WB9TYT.

More Greatest Radio Lies

by Pete Kemp, KZ1Z

I fixed it right the first time. It must have failed for other reasons.

We shipped the part yesterday.

All you have to do is follow the book.

No need to look that up, I've got it all memorized.

Sure I can tune it! It has transistors, doesn't it?

It's a quick job, we'll be home by lunch time.

I thought YOU brought the connectors!

I NEVER work DX on a net!

Wisconsin Nets Association Ltd.

Rob Hummel, WA9ZTY, Secretary • 202 Midvale Drive • Marshall, WI 53559

Wisconsin Nets

Net	WNA	Freq.	UTC	CDT	Mgr.
BWN	Yes	3984	1100	0600	W9AYK
BEN	Yes	3985	1700	1200	KE9VU
WSBN	Yes	3985	2230	1730	K9UTQ
WNN	Yes	3723	2300	1800	KA9FVX
WSSN	Yes	3645	2330	1830	N9BDL
WIN/E	Yes	3662	0000	1900	WB9ICH
WIN/L	Yes	3662	0300	2200	W9NGP
NWTN	Yes	34/94	2330	1830	NS9Q
(Rhinelander area)					
RCRA	No	01/61	2330	1830	KA9OMC
(Mondays CST) (Menomonie Area)					
Gr. Bay	No	72/12	0145	2045	WB9NRK
(Green Bay Area)					
ARES	No	4.65/5.25	0100	2000	
(South East/South Central Wisconsin)					
RACES	No	3993.5	1300	0800	WA9OAY
(LSB Sunday)					

Section Manager's Notes

Richard R. Regent, K9GDF
5003 South 26th Street
Milwaukee, WI 53221



November 7th, Friendly Fest and exams, Serb Hall, 51st and Oklahoma in Milwaukee; also Riverland ARC Swapfest, Community Center in Onalaska.

November 8th, Fox Cities ARC Hamfest is at Star Lite Club north of Kaukauna.

New officers of the Fox Valley VHF Association are WX9C, WD9FLJ, KD9IA, KB9ENO, K9OQO, and W9IEL.

November 3rd the Rock River RC will elect new officers and select Ham of the Year.

Ozaukee RC now meets at Senior Center in Grafton and new newsletter editor is W9BCK.

Other exams: November 7th, Menomonie; November 9th, Onalaska; November 14th, Madison, Marshfield and Fond du Lac; November 17, 21, and 28, Milwaukee.

Sorry to report Silent Key K9HQL of Durand.

Thought for the month: *An error in the premise will appear in the conclusion.* □



SSB
SELL SWAP BUY

OUR WANT ADS GET RESULTS

FOR SALE: Yaesu FT-33R 220 HT, new in box, never used, w/extended 100 ma. pack, spare used pack, case, charger, Hot Rod antenna, \$275.00. I ship. Ten-Tec Century 22 CW QRP rig, built-in calibrator and keyer, 7 amp Astron supply, \$250.00. I ship. Call (715) 356-6410 any time, leave message on answering machine. Tom Kinney, KE9UE. □

PORTA-LINK™ for all ICOM® Handhelds

The PORTA-LINK can easily be plugged into an ICOM Handheld. Simple VOX design uses only the speaker jack and microphone input without modification.

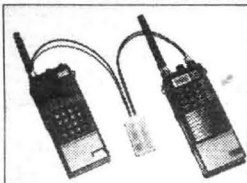
- Use SINGLE as low power hamfest or emergency repeater.
- Use DUAL as two-way crosslink or one side as a repeater.

PORTA-LINK SINGLE - \$29 DUAL - \$65
IL deliveries, 6.5% tax. S/H-\$2.75 or C.O.D.-\$6.50

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Net News and Gossip

Written and Edited by the Net Managers

Badger Emergency Net

Wayne Schanke, KE9VU, Net Manager
1602 Jefferson Street
New Holstein, WI 53061

Hi. I'm Wayne Schanke, KE9VU, the new net manager for the BEN. I hope to do as well as the people before me.

The BEN is alive and well and growing. We are averaging about 22 checkins per session. Traffic is about 3+ per session. We would like to see more traffic. We have very good outlets for traffic brought to the net.

Everyone is doing a great job of handling traffic. Net controls are doing an outstanding job of keeping the net moving and interesting. We have good help with picking up and taking traffic to higher nets.

I'd like to see more ARRL bulletins brought to the net (ARRL news, propagation, etc.). Otherwise, everything else is OK.

We get the latest DX news on Fridays from KA9KLZ. Art always has a few goodies for the DXers. Get the latest tidbits from beautiful downtown St. Germaine. Hear what DX is hot and what DX is not and who's working the hottest DX from Mr. DX! Then go up to New London to hear who's not working DX, HI!

Then, put your feet up, sit back, and relax with the latest weather reports and a few words of wisdom out of Hartford and a word or two from Very Ugly himself! Those who check into the net know who I'm talking about. To those who don't: Here's your invitation to join us for a half hour of fun on 3985 kHz, or our alternate frequency, 7284 kHz.

Until next time, 73.

Wayne Schanke, KE9VU

WNA Presents Traffic Awards, Elects Officers

On September 19, 1992, Dennis Rybicki, K9LGU, of the Wisconsin Nets Association, presented the following traffic handler awards:

- For handling 28,294 pieces of traffic in 1991, an endorsement tag to the 1985 winner of the Traffic Handler of the Year Award, Jim Caldwell, WB9YPY.

- For handling 1,835 pieces of traffic in 1991, an endorsement tag for the 1988 winner of the award, Hale Blakely, W9CBE.

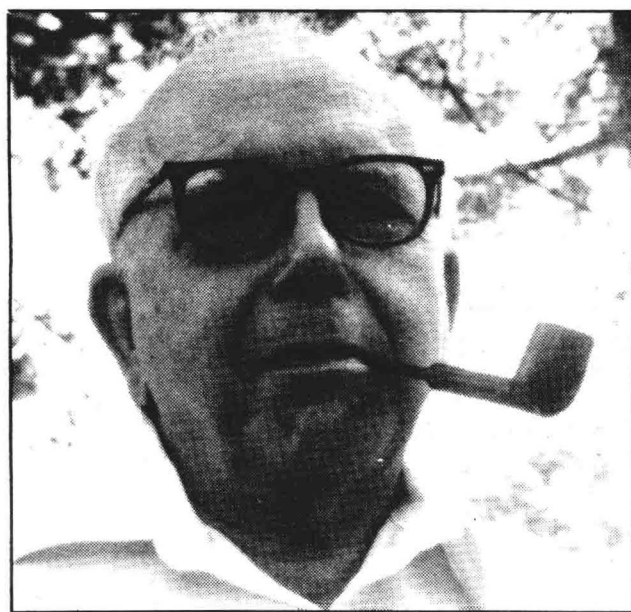
- And, for handling 12,291 pieces of traffic, an engraved plaque was presented to the winner of the 1991 Top Traffic Handler Award, Gus Bonow, W9IHW.

Elected as new officers of the WNA were Larry Guthu, WB9ICH, Chairman; Rob Hummel, WA9ZTY, Secretary; and Jim Merrill, W9AYK, Treasurer.

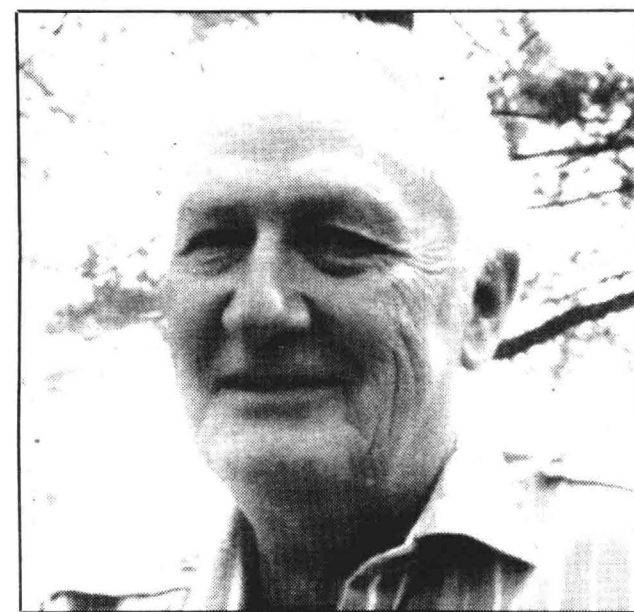
- Richard Regent, K9GDF



Larry Guthu, WB9ICH



Hale Blakely, W9CBE



Jim Caldwell, WB9YPY

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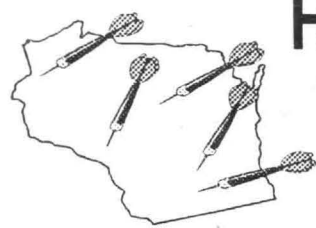
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HERE and THERE

Jan and a Fan



Jan Berry, one half of the veteran rock and roll duo of Jan and Dean, left, paused for a brief conversation with your editor, at right, following the annual Jan and Dean concert on Father's Day at Noah's Ark in Wisconsin Dells this past June. Jan and Dean lived teenagers' lives (including your editor's) in the 1960s with hits like "Little Old Lady from Pasadena," "Surf City," "Sidewalk Surfin'," "Dead Man's Curve," and "Popsicle."

Latest FCC Call Signs

The following is a list of the FCC'S most recently issued call signs as of September 1.

District	Group A Extra	Group B Advanced	Group C Tech/Gen	Group D Novice
0	AA0JZ	KG0AN	N0UAK	KB0KRB
1	AA1DW	KD1KG	N1NKE	KB1AJI
2	AA2KW	KF2KH	N2SIT	KB2PKB
3	AA3BY	KE3EP	N3NHH	KB3AHZ
4	AC4UW	KQ4FC	++	KD4SNJ
5	AB5HU	KJ5EI	++	KB5VAR
6	AB6OB	KN6AA	++	KD6NDD
7	AA7RE	KI7GK	++	KB7PVX
8	AA8IO	KF8WZ	N8VNZ	KB8OGQ
9	AA9EZ	KF9LJ	N9QXR	KB9IDJ
HAWAII	++	AH6MC	WH6IV	WH6CPX
ALASKA	++	AL7OK	WL7GC	WL7CGD
PR	++	KP4UG	++	WP4LKR

++ All call signs in this group have been issued in this area.

- ARRL Bulletin 90, 9/16/92

NTRN to Air in October

The October 18th National Teleconference Radio Net to discuss Private Radio Docket 92-136 is beginning to take shape, with invitations having been sent to all of the principals involved in the proposed regulatory change. Docket 92-136 is a proposal to change Section 97.113 of the rules to permit limited business communications to take place on the amateur bands.

The session will be moderated by NBC Network News Producer Alan Kaul, W6RCL, and will feature an in-depth review of the docket itself and the circumstances leading to it. That review will be presented by Fred Maia, who writes and publishes the *W5YI Report*. A short panel discussion, featur-

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(NW Suburban Chicago)

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Schedule

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- ◆ Refreshments
- ◆ Packet Radio Demonstrations
- ◆ Packet Radio Software
- ◆ CAPRA Packet Radio INFO Pack

- 830 - 900 am Registration
- 900 - 1030 am Overview-Pkt Radio
- 1030 - 1100 am Break
- 1230 - 100 pm Connect Your Equipment
- 130 - 300 pm Getting On The Air
- 300 - 330 pm Break
- 330 - 500 pm Open Forum

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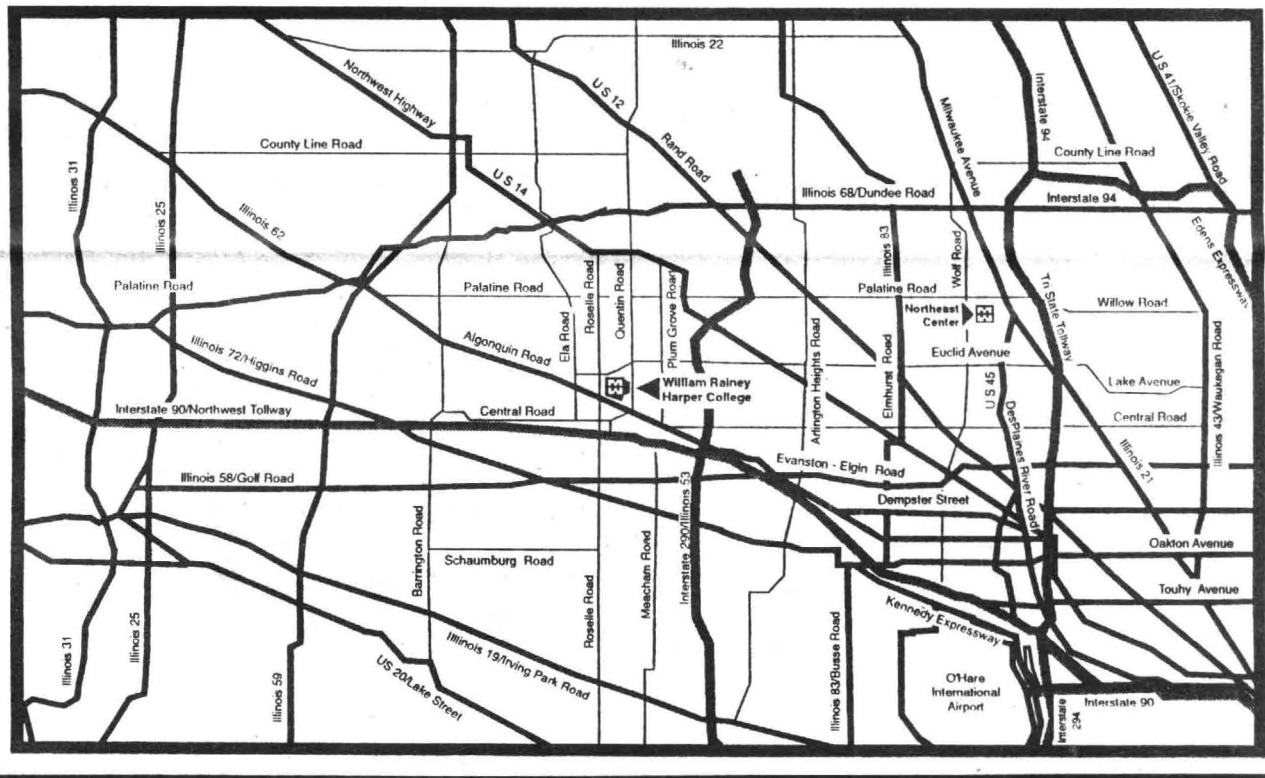
How to get to Harper College

From the North: Take Highway 53 south to Algonquin Road exit. Go west on Algonquin Road to Harper College.

From the South: Take Highway 53 north to Algonquin Road exit. Go west on Algonquin Road to Harper College.

From the East: Go west on the Northwest Tollway (I-90) to the Roselle Road exit. Go north on Roselle Road to Harper College.

From the West: Go east on the Northwest Tollway (I-90) to Highway 53. Go north on Highway 53 to the Algonquin Road exit. Go west on Algonquin Road to Harper College.



ing Mike Reynolds, W0KIE, whose petition to the FCC helped to precipitate the proposed regulatory change, will follow but the majority of time will be reserved for answering questions from the listening audience.

The National Teleconference Radio Net will take place on October 18th, starting at 5 p.m. Central, and running the usual two hours.

If your repeater participated in last July's NTRN

on ham satellites, you can use the same access number you were assigned then to take part in the October teleconference. If your repeater does not have a port assignment and wants one, please send a self-addressed stamped envelope to the National Teleconference Radio Net, in care of the Amateur Radio Newsline, 28197 Robin Avenue, Saugus, CA 91350.

- Westlink Report, 9/25/92

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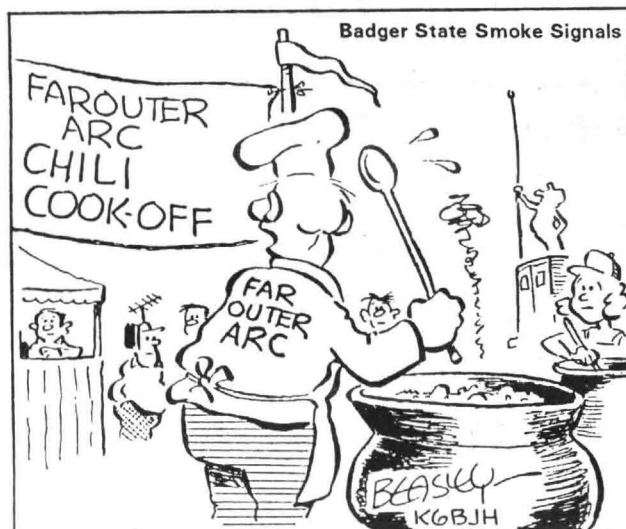
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9210



GIVE ME A SHOUT, FRED, SO I CAN TRACE MY LITTLE HANDHELD --- I THINK I DROPPED IT IN THE CHILI POT?

When There's a Will, There's a Way!

The Stealth Antenna: It Works For Renters and Landlords Alike

By Dick Sisson, W5ONL
2200 Washington Avenue #322
Racine, WI 53405

When I accepted this assignment in Wisconsin, I had to leave my "one-tower antenna farm" behind, along with my BTI amplifier and other components of my hamshack. I brought along a Collins S/Line, and bought an MFJ 901-B tuner and a Spiro Manufacturing Co. model AS-2 shortened all-band antenna. Descriptions of both the tuner and the antenna can be found in current ham magazine ads. My antenna is up in an inverted V configuration, about 45 feet high at the center, and has a very low profile. The large tree which supports it also hides most of it. My landlord asked, "That's all there is to it?", when I showed him how nearly invisible it was. I've used it on 160 through 2 meters, including the WARC bands, with satisfactory results. However, it took a bit of trial and error to get it right.

Houses here in Wisconsin are built quite a bit more weather-tight than they are down south. Getting a feedline from the outside to the inside without making any holes can be quite a challenge. In my case, I found an unused clothes-dryer vent in one of the basement windows. I located the Wisconsin hamshack in the basement, convenient to that vent. The large tree which supports the center of the antenna is also close to the vent, so my feedline passes through the vent and almost straight up the tree trunk. When I first put the antenna up, I hadn't yet provided a very good RF ground but, naturally, I tried it anyway. Using the MFJ tuner, I was able

to get a fair match on several bands, but results were not very impressive. Then I installed a good ground, and it made a world of difference.

My ground consists of both an 8-foot ground rod right outside the basement window with the vent, and real copper water pipes which abound conveniently in the basement. After hooking up to this ground, every one of the settings of the MFJ tuner changed considerably from what I had previously jotted down. The minimum SWR wasn't greatly improved, but signal reports did seem to be consistently better. I'm sure there's a lesson there. I've observed that changing weather conditions, etc., affect the optimum settings of the tuner from time to time - more on some bands than others. However, the settings I've written down for each band are useful starting points.

Operation is straightforward on all but two bands. As I had anticipated, on 160 meters it is necessary to tie the feedlines together and bypass the balun which is built into the tuner. Having done that, it matches fine. Performance isn't up to my shunt-fed tower back home, but it does reasonably well. On 40 meters, it matches fine when hooked up through the balun in the conventional setup, but results on 40 meters were absolutely dismal. After a period of much frustration, I tried tying the feedlines together, just as I do on 160 meters. The minimum SWR doesn't look much different than it does with the conventional setup, but the results are a whole lot better. I don't have the instrumentation to investigate this very thoroughly but, since the problem has been solved, it doesn't really matter.

Now Hear This.....



The Eau Claire Amateur Radio Club's Swapfest in July was a busy event. Mike Ceraso, N9JMA, capably kept everyone up to date on all the various activities. More than sixty people took Amateur Radio exams at the swapfest.

- Photo by Ralph Carlson/WB9RUK

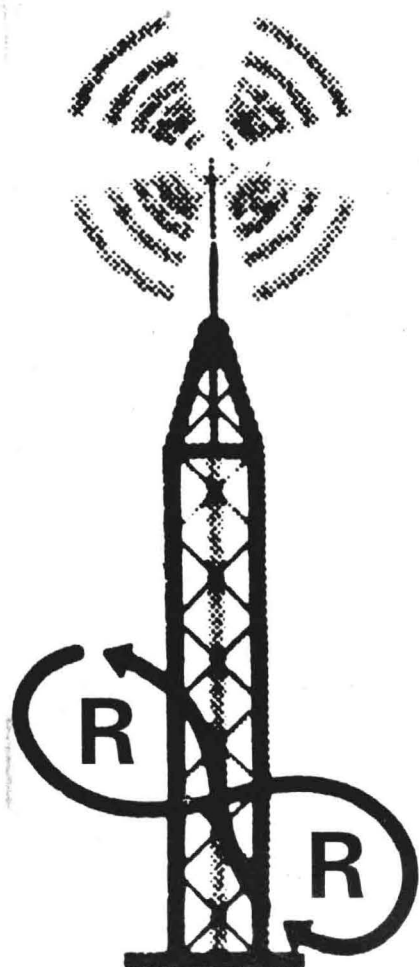
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How does it work? Well, I've picked up three new countries since I've been here: an ST0, a VQ9, and a ZA1, plus lots of other contacts. It works fine. I even used this antenna successfully in a VHF contest, using homebuilt 50 MHz and 144 MHz antenna tuners with it before I got my modest Yagis up for those two bands. Results were not outstanding, but better than I had expected. □

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Hurricane Andrew

North Florida Amateurs Lead Communications Effort

North Florida Section Emergency Coordinator George Thurston, W4MLE, filed this report (with ARRL Headquarters):

When a hurricane watch went up for southern Florida, the state Division of Emergency Management in Tallahassee opened their Emergency Operations Center and the state RACES (Radio Amateur Civil Emergency Service) net, with Bob Moody, W4WSZ, as net control from his home station in Tallahassee and a two-meter link to the EOC. In the following six days, W4WSZ estimates he got a total of ten hours sleep - as he handled the net with extraordinary skill. Other EOCs in Palm Beach and Miami opened and maintained contact with Tallahassee.

Although none of the Northern Florida ARRL section was in the Watch area, I knew that Red Cross and numerous other disaster response agencies would "stage" at Orlando, ready to go to the damaged area. Orlando, in Orange County, lies in the four-county East Central ARES District, headed by District EC N4NVW.

I put the East Central District on a "Condition One" (minimum) alert Saturday evening - the night before the storm hit - with instructions to support all those agencies with communications. The Northern Florida Emergency Net was also alerted, though we used it mostly to provide liaison between the Northern Florida ARES officials involved. East Central's real work was done on VHF and UHF, and on the Southern Florida ARES frequency of 3940 kHz.

No one could do much more than get ready for the consequences as Andrew smashed ashore in south Dade County with peak gusts estimated at 200 mph and sustained winds perhaps as high as 185 mph at times - speeds normally associated with tornadoes!

(According to Ellen White, W1YL/4, those who lived through hurricane's eye were referring to it as "a 50-mile wide tornado" - ARRL Letter ed).

Late Sunday, South Florida SEC W4SS asked me to send as many "jump teams" as possible to the affected area; Dade and Broward County ARES were simply overwhelmed with demands for communicators.

Although it was easy to find amateurs eager to rush in, it was essential that they go in with definite instructions. Working with W4SS, I developed a memo outlining minimum needs. I didn't tell any amateur he should go - or shouldn't. But basically they needed certain credentials to get past police road blocks. And they needed to be completely self-contained with food, fuel, water, emergency power, radio gear, sleeping accommodations - even toilet paper.

We asked that teams of at least four amateurs travel in groups of several vehicles to speed the process and offer mutual support. I have no idea how many such teams eventually found their way to Dade County because I coordinated only a few of them, but on Wednesday, 2 September - a week and a half after the first alert - W4SS asked me to shut off the stream; South Florida ARES groups could handle the duties remaining after recovery efforts got better organized.

During that time, I coordinated three teams from Jacksonville, one from Orlando, and one from Tallahassee, in addition to two from South Carolina and two from northern Georgia. Some teams were still en route when the cancellations began and some were about to start south when they were aborted.

Many amateurs took leave, paid or unpaid, from their jobs and paid their own expenses to offer their support to the stricken communities.

It is still too early, as I write, to fully evaluate the quality and effectiveness of the ARES/RACES response to the Andrew disaster. My first impressions are that our response from Northern Florida was as rapid and as effective as conditions in the

devastated area permitted.

One South Carolina ham who was organizing a jump team told me, "I was in the area when Hugo struck in 1989. From what I've seen on TV, this is worse than Hugo. Much worse. At least, we had a few buildings left to use for shelters and temporary headquarters. Those folks down there had NOTHING left."

- The ARRL Letter, 9/15/92

TOWER ELECTRONICS OCTOBER SPECIALS

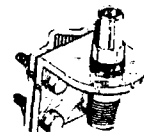
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OCTOBER 31, MINNEAPOLIS, MN



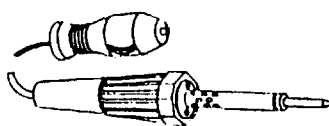
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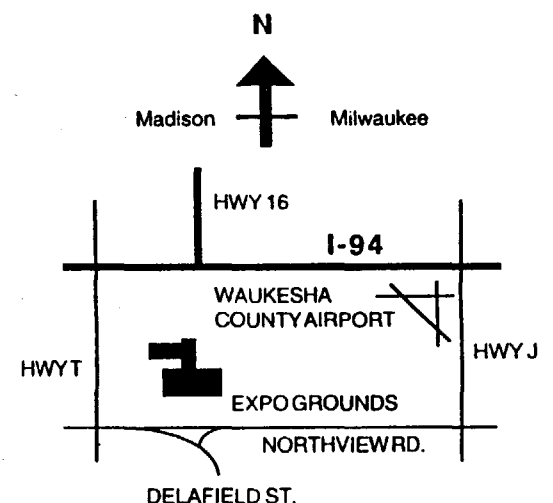
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Waukesha, WI 53187-0411

VENDOR SET-UP AT 6:00 AM

Responses to all correspondence and ticket requests received on or after October 3 will be held at the door!

"The Most Awful Place in the World"

By Dave Schmocker, KJ9I

4014 Carstens Lake Road, Manitowoc, WI 54220

On 7 March, 1992, I left northeastern Wisconsin to meet seven other hams enroute to the South Sandwich Islands. The team members included Martti, OH2BH; Mas, JE3MAS; Al, WA3YVN; Tony, WA4JQS; Terry, W6MKB; John, W7KNT; Ralph, KØIR; and myself. We flew to England, where the local Radio Society of Great Britain (RSGB) members showed us tremendous hospitality and support for our mission.

After a short stay near London, we were given a send-off party by the British hams just prior to their taking us to Brize-Norton airport where we would join the Royal Air Force (RAF) eighteen-hour flight to the Falkland Islands via Ascension Island.

During the brief stop at Ascension Island, Steve, ZD8LII, George, ZD8GT, and other locals cheerfully greeted us. They showed us their club station, located in an abandoned airport control tower. Terry operated briefly from Ascension Island.

Hitting the Falklands- Literally!

Upon arrival in the Falkland Islands, we experienced the roughest landing I've ever seen. Dropping from cloudy, windy skies onto just a single available runway, we were unable to avoid a strong cross wind which caught the plane just before touchdown. The sudden gust sent us into a hard-hitting landing which disengaged oxygen masks, overhead luggage compartment doors, and it caused Terry to drop his video camera with which he was filming the flight!

Despite the challenge, the experienced RAF pilots landed us at Mount Pleasant (Falkland Islands) safely. We gathered our luggage as the airport officials explained the potential dangers of land mines, remaining remnants of the 1982 Falklands War.

We cleared customs, where Peter Short, VP8WA, and other Falkland locals greeted us. Peter provided tremendous help and support, for which we all thanked him.

The local hams transported us to the dock of Port Stanley, where our chartered U.S. Research vessel, the Abel-J, was awaiting our arrival.

While waiting for another passenger to arrive, we loaded our DXpedition gear from the Falkland Islands warehouse onto the Abel-J. The passenger with whom we shared our charter was Richard Hill, an English gentleman on a special penguin mission to South Georgia Island.

South Sandwich, Here We Come

Under Captain Hamilton's control, we departed Port Stanley for our 1,150 mile, six day voyage through the "roaring 40s," the roughest seas in the world. Our 106-foot-long boat was tossed, turned, and rocked as we did our best to hold on. Hard as I tried to avoid seasickness through mental toughness, I was not tough enough to beat mother nature. While at sea, the team finalized plans and held operating drills under the expert guidance of Martti Laine, OH2BH.

Enroute to South Sandwich Island (SSI), we passed many beautiful icebergs. They exhibited brilliant shades of light blues and off-whites, silently changing hues as we travelled around them.

We arrived at Thule Island, of the South Sandwich group, during evening darkness. The captain shined the spotlight at the island, where we could see the silhouette of the wreckage of the abandoned Argentine research station. We couldn't help but notice the pungent odor of an estimated one million resident penguins.

According to the Abel-J's instruments, the water temperature was 33.3 degrees Fahrenheit. 1,150 miles from nearest civilization, we decided to await daylight before attempting to land.

The Landing: Cold, Wet, Long, and Dangerous

The first scouting attempt dumped five team members into the icy salt water, as one of the pounding waves toppled the zodiac upside-down near shore. After we regained our confidence the team strategically landed our gear in a fully-exhausting two-day effort, with an estimated fifty trips from ship to shore



PUNGENT! With somewhere around a million of these birds waddling all around Thule Island, their gooey droppings were everywhere and made walking more than a little difficult. The odor was none too pleasant, either. The presence of these birds and their resulting residue, along with aggressive fur seals, constant high winds, and cold temperatures, made the VP8SSI operation as much a test of endurance and survival as of operating skill. The operating team met the test and came through it all in good shape.

through the constant pounding surf. The shore crew fought aggressive fur seals, who clearly did not welcome us to their home. Our landing, one of the first ever attempted without a helicopter, was rough and wet. It required tremendous teamwork to control the zodiac to avoid having the icy surf flip it over again.

Setup: A Half-Mile, Two-Day Trod Through Gooey Penguin Dung and Seals of Non-Approval

After landing, we had to haul all of our heavy gear from the landing area approximately half a mile uphill through slippery penguin guano, while fending off the aggressive fur seals and trying to maintain a DX stamina despite the awful conditions.

A 28-year-old farm boy who thought I was in good shape, I was quickly humbled. Teamwork was crucial from all members.

As we built up the living quarters, and then the stations, the DX community impatiently awaited the first signal from VP8SSI.

VP8SSI Takes to the Air: Deserving DXers Get Their Chance to Work a Truly Rare One!

On 21 March 1992, at 2338Z, we began operation on 14 MHz SSB. The team continued to build and rebuild stations and rebuild damaged tents as the 70-MPH plus winds destroyed our survival tents daily!

Words cannot begin to express the difficulties we fought! And yet, we could not have gone to SSI at a better time. During other times of the year, tens of miles of pack-ice surrounds the islands, preventing navigation and approach. Captain Cook best described the conditions on SSI. He called SSI "the most awful place in the world."

The VP8SSI team operated on all bands from 1.8 through 144 MHz, with attempts to do even more squelched by the severe conditions, complete exhaustion, and the absolutely necessary reallocation of manpower from station assembly to survival quarters maintenance.

We had multiple sets of Antarctic-type layered clothing which got wet from salt spray over the peninsula. As the waves crashed into the edge of the volcanic island, the high winds carried the spray through the air and soaked us and our camp. We used heat lamps and camp fires to attempt to keep as dry as possible. We were constantly cold and wet.

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Summing up a Successful Effort

Despite the extreme conditions, the team proudly made 40,000 QSOs during our 14-day stay on Thule Island.

Enroute back to the Falklands, we stopped at South Georgia Island and did a two-day, primarily CW, operation as VP8CBA. This satisfied approximately 5,000 more hams seeking a new one.

We hope you enjoyed your QSOs with us. We enjoyed the challenge and the excitement of putting the most rare country, South Sandwich Island, on the air.

QSL cards for the VP8SSI operation are now being mailed by the QSL managers, according to Dave in a telephone conversation on September 20. The delay in responding to cards was NOT the fault of the QSL managers for VP8SSI; the delay was at the QSL card printer. Patience, gang!

Badger State Smoke Signals extends sincere thanks to Dave for taking time to write this story about the DXpedition, which Martti Laine, OH2BH, called "the most challenging DXpedition" in which he had ever taken part. That assessment comes from an expert. In addition to his two real jobs, Dave is now busy on the "club circuit," presenting his slide-and-talk show about VP8SSI.

Ham Radio at Boy Scout Camp Rokilio

"Mom and Son Weekend," September 11, 12, and 13

By William G. Howe, KA9WRL
1781 First Avenue, Grafton, WI 53024

Bay Lakes Council's 1992 Fall "mom and Son" weekend at Camp Rokilio was a big success, thanks to good planning and volunteer participation by a variety of professionals and amateurs alike!



One of the most popular demonstration areas was the portable Amateur Radio station. Three hams from the area, Bill Howe (KA9WRL), Doug Schultz (N9EZF), and Gene Olig (KD9ZP), had four radio stations set up under a 40-meter "sling-shot" dipole antenna. The radios were all powered by a pair of borrowed Marine-type batteries.. literally a "Field Day" operation!

The wire antenna was erected between two trees, about 40 feet from the ground, with the help of a Crossman "Wrist-Rocket" slingshot. The main radio was a Kenwood 440S and was used for voice contacts on the 15- and 20-meter bands. A second radio, a Radio Shack HTX-100, was used to demonstrate CW (Morse code) on the 10-meter band.

For 2-meter voice operation, a Kenwood TM-231 mobile radio was used to demonstrate how a "repeater" works for communications, and a small

suitcase containing a Yaesu FT-411 HT, a Radio Shack model 100 computer, and an AEA PK-88 TNC (all supplied by Jeff MacDonald, KB9FGA) was in continuous operation all day Saturday, showing what could be done with digital communications on "packet" radio. The latter used a home-brew J-Pole antenna, suspended from a cane fishing pole.

Over 15 foreign countries were contacted, including Russia, England, Germany, the Netherlands, Denmark, and about half of the states in this country, including Hawaii.

The Scouts and their moms talked to a sailboat mobile, an airplane mobile, and even the Mayor of New Holstein, Dennis Rybicki (K9LGU), who was gracious enough to keep himself available throughout the day for the event.

Plenty of brochures about Amateur Radio were handed out, supplied by the American Radio Relay League (ARRL). All of the boys qualified for at least a partial completion of the Cub Scout "Communications" award and the Boy Scout "Radio" merit badge.

There will be a group, from the Milwaukee Council of the Boy Scouts of America (BSA), who plan to use similar equipment for the Jamboree on the Air (JOTA) on October 17 and 18. This outing will take place at Camp Journal, near Hartford, Wisconsin, and will be a part of the Council's "Fall Camporee."

- Forwarded to BSSS by Rich Regent, K9GDF

Hey! Stop Hogging My Badger State Smoke Signals!



A real ham was a visitor at a recent meeting of the Eau Claire Amateur Radio Club. The Vietnamese Pot Belly Pig obviously knows where to root out the latest ham news, where all the good tails are. Since he likes BSSS, he must have, like the BSSS editor, printer's oink in his veins. The pig is the pet of Martin Zais, N9KHF.

- Photo by Kevin Zehr/N9OHE
Chippewa Falls, WI

From the Old Goat

Jim Romelfanger,
K9ZZ, Editor



We have some more thoughts to pass along again this month, some more profound than others.

- No Wisconsin amateurs were reported active in assisting communications efforts during and after Hurricane Andrew caused billions of dollars of damage in southern Florida and Louisiana.

Of course, amateurs in and near those areas were active, and provided invaluable communications help. That same help was provided by Hawaiian and stateside hams after Hurricane Iniki trashed Kauai in the state of Hawaii.

- Times are tough and getting worse for more and more people. One Wisconsin Amateur Radio club asks its members to bring canned goods and other non-perishable food items to its December meeting. The goods are given to a local food pantry. I'd suggest it a good idea for all clubs to do the same this year, but at all meetings between now and the Christmas holiday season. Your club's members' contributions can help make the difference between a grateful family having food on the dinner table, especially at Thanksgiving and Christmas, or having next to nothing at all. Other useful items include necessities like toothbrushes and toothpaste, toilet paper, bar soap, and so on.

- We thought it might be fun to try a new column here in BSSS about hams' most embarrassing moments on the air. I think we've all had at least one. I certainly have had my share, including a real doozy - in Spanish. Let's do it this way: I'll tell you mine if you'll tell us yours.

- Finally, if you look at the photo on page 5, you will understand why I chose the photo above for this column instead of the real me.

FOX CITIES HAMFEST '92



PRESENTED BY:
THE FOX CITIES ARC
ON
SUNDAY NOVEMBER 8, 1992
AT
THE STARLITE CLUB



AT THE CORNER OF STATE HWY 55 AND CTY JJ

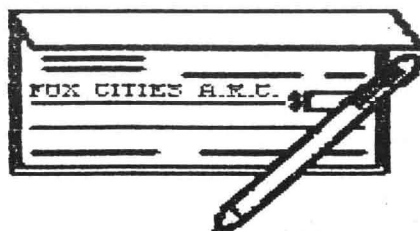
VENDERS: OPEN AT 6:00 AM FOR
VENDERS, DOORS OPEN AT 8:00 AM FOR
THE GENERAL PUBLIC.....

TESTING: REGISTRATION BEGINS AT
8:00 AM AND ENDS AT 9:00 AM. (DOORS
THEN CLOSE) TESTING WILL BEGIN AT
9:00 AM. FOR MORE INFORMATION
CONTACT: LARRY SIEBERS KD9IA
N2781 WEYERS RD.
KAUKAUNA, WIS. 54130
OR CALL AT (414) 788-3823.....

PLEASE BRING THE FOLLOWING ITEMS
1. ORIGINAL LICENSE
2. PHOTOCOPY OF LICENSE
3. PHOTO I.D.
4. TEST FEE OF \$5.45

ADMISSION: \$3.00
8 FOOT TABLES \$5.00

TABLE RESERVATIONS TO:
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217 GRANT STREET.
LITTLE CHUTE, WIS. 54140
(414)-687-0572



PLEASE MAKE OUT CHECKS TO THE FOX
CITIES AMATEUR RADIO CLUB. ALSO
S.A.S.E. FOR RECEIPT

COFFEE AND DONUTS

**TALK-INS ON
THE 146.76 REPEATER**

QAULITY VENDERS

TOWER ELECTRONICS
2441 S. BROADWAY
GREEN BAY, WIS. 54302
(414)-435-4855

BURKE ELECTRONICS HAM RADIO TOY
STORE
117 W. WESLEY STREET
WHEATON, IL. 60187
(708)-668-9577

DEE'S TEE'S
N 4347 FOLEY RD.
WAUPACA, WIS. 54981
(715)-258-8657

CABLE X-PERTS, INC.
ELECTRONIC WIRE AND CABLE
1312 MILL CREEK DR.
BUFFALO GROVE, IL. 60089
(708)-506-1811

P.C. DISKS
JOHN SLAVSKY
2815 CALUMET RD.
EAU CLAIRE, WIS. 54703
(715)-832-2300

LUNCH WILL BE SERVED

SAREX Flies Again

The Space Shuttle *Endeavour*, carrying two ham astronauts and loaded with a number of first-time ventures, rocketed into a deep blue morning sky on Saturday, September 12 for the week-long STS-47 mission chartered by the Japanese government. This 50th shuttle flight featured Mark Lee (from Viroqua, WI - BSSS ed.) and Jan Davis as the first married couple in space, Mae Jemison, the first black woman in space, and Japanese Astronaut Mamoru Mohri, 7L2NJY. Mohri is the first Japanese astronaut and Japanese Amateur Radio operator to fly on a United States spaceship.

The flawless launch went off as scheduled at 10:23 a.m. EDT from the Kennedy Space Center in Cape Canaveral, Florida. In addition to the Shuttle Amateur Radio Experiment (SAREX), there was a space age Noah's Ark tucked safely inside the *Endeavour*. Its passengers included 30 fertilized chicken eggs, 7,600 flies, 180 hornets, two fish, and four frogs - none of which was licensed to operate the ham radio gear. The shuttle mission was commanded by veteran spaceman Robert "Hoot" Gibson. The remainder of the crew consisted of Curtis Brown, Jr., and Mission Specialist Dr. Jay Apt, N5QWL. This was a high inclination orbit (57 degrees), giving hams from the Arctic Circle to Antarctica and all places in between an opportunity to talk to the shuttle.

SAREX operations began not long after liftoff, with the activation of the packet radio robot operating under the callsign W5RRR-1. The W5RRR callsign belongs to the Johnson Space Center Amateur Radio Club in Clearlake, Texas (near Houston). The JSC club has been the backbone of SAREX operations since the planning phase of Owen Garriot's STS-9 flight in the early 1980s, but this marks the first time that the call has ever been given the honor of having been "flown" in space. Two meter FM voice operations used the calls of both operators: Dr. Apt, N5QWL; and Dr. Mohri, 7L2NJY, giving the two hams in space an opportunity to converse with school children worldwide.

Unfortunately - and unbelievably - school kids in Japan did not get a chance to converse with their own 7L2NJY because the Japanese government's telecommunications agency refused to grant a waiver of the prohibitions on third party communications to permit such contacts to take place. Schools in the United States and elsewhere in the world fared far better, even though N5QWL's schedule had him working the night shift, permitting him only a limited amount of time for school contacts at the end of his duty tour. For voice contacts, 7L2NJY was the primary operator, speaking both English and his native Japanese.

After the first 24 hours of on-orbit operations, AMSAT Vice President for Manned Space Programs Frank Bauer, KA3HDO, reported that SAREX was "performing flawlessly, providing excitement and an educational experience to school groups and radio amateurs worldwide." A bulletin by Bauer said that just a few hours after launch, N5QWL checked out the SAREX station and configured the Heath HK-21 TNC for packet robot operations while the crew continued their initial operations of the Spacelab-J hardware.

KA3HDO reported: "In the first few hours of station activation, over 632 packet contacts had been made. In addition, three school groups, two in Australia and one in the U.S. have made superb horizon-to-horizon contacts with the crew. These include the Australian Maritime College, which asked 7 questions; the Wesley College, in South Perth, where 9 questions were asked; and the Del Mar Middle School in Santa Cruz, California. At Del Mar Middle School, 7 students asked 7 questions with over 150 students in attendance. Two more Australian and three more U.S. school groups have yet to turn on their mike."

This was the second SAREX mission for Mission Specialist Apt, who first flew during the STS-37 mission in April, 1991. Thus far, he is the only American astronaut to operate Amateur Radio in space on two separate shuttle flights. For Dr. Mohri, it was a first venture into Earth orbit, and some 350 Japanese well-wishers were gathered at Kennedy to witness the launch. The group included Toyohiro Akiyama, the first Japanese and first journalist in space. Akiyama spent 8 days aboard Russia's *Mir* space station in December, 1990.

If you worked or heard SAREX on STS-47, and you want to receive a QSL (or an SWL) card, send your report to N5QWL, 806 Shorewood Dr., Seabrook, TX 77586 USA. Be sure to include an SASE with the appropriate postage (at least 50 cents for non-US stations) or the appropriate IRCs with your self-addressed envelope.

Meanwhile, the Associated Press reported that two Russian cosmonauts took their third space walk in eight days and finished installing a new engine September 11th to help keep their *Mir* space station in proper orbit. ITAR-Tass said that Anatoly Solovyev and Sergei Avdeyev spent almost six hours outside the space station, riding a telescopic crane to a 45-foot girder on which they mounted the engine. The operation went perfectly.

While the two were mounting their device on the *Mir*, members of the Russian Space Agency met on the ground to discuss their plans for the next several years. According to ITAR-Tass, space agency chief Yuri Koptev gave details of an agreement with the United States to send a Russian cosmonaut on a shuttle mission in October of next year, and for an American astronaut to travel to *Mir* in 1994.

And the United States Senate, dismissing the argument that space station *Freedom* had become a bottomless pit of money of little scientific value, voted 63 to 34 on September 9th against killing the project. The Senate vote, coupled with House action in support of the project in late July, has assured continued funding for NASA's most costly project.

Funding for the space station is part of an \$87.8 billion 1993 spending bill for veterans affairs, housing and independent agencies approved by the Senate on a 92 to 3 vote. The \$2.1 billion earmarked for the space station is \$840 million less than the Bush administration requested, but \$400 million more than the House approved.



RIDING THE FIRE! A 35mm camera was used to record this low-angle view of the STS-47 launch. With a crew of six NASA astronauts and a Japanese payload specialist onboard, the Space Shuttle *Endeavour* was heading for its second trip into space. The mission was devoted to the support of the Spacelab-J mission, a joint effort between Japan and the United States. Launch occurred at 10:23:00:0680 a.m. EDT September 12, 1992. On board were astronauts Robert L. Gibson, mission commander; Curtis L. Brown, Jr., pilot; Mark C. Lee, payload commander; and Jerome (Jay) Apt (N5QWL), Mae C. Jemison and N. Jan Dvis, mission specialists; along with payload specialist Mamoru Mohri (7L2NJY), representing the National Space Development Agency (NASDA) of Japan.



HAMMING IN SPACE: Payload specialist Mamoru Mohri (7L2NJY) communicates with students from the aft flight deck of the Earth-orbiting Space Shuttle *Endeavour*. The communications were an extension of the Shuttle Amateur Radio Experiment (SAREX), which has flown on a number of previous flights. Several of the crew members were able to talk with students and other "ham" operators during the mission.

- Photos courtesy of NASA

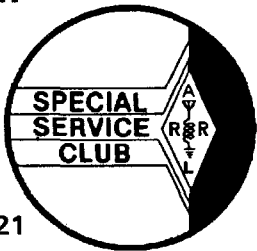
Differences between the Senate and House versions will be worked out by conferees as Congress rushes to complete work on 13 separate spending bills before adjourning next month (in October) for the rest of the year.

- Thanks ARRL, AMSAT-NA, *SpaceNews*, Newsline, K6DUE, KA3HDO, WA6ITF, WA1STO, Associated Press, *Washington Post*, others, in *Westlink Report*, 9/25/92

Riverland Amateur Radio Club



Dick Low, K0JYB,
Secretary



Club mail address: P.O. Box 621
Onalaska, WI 54650

MEETING MINUTES SEPTEMBER 1, 1992

The September meeting of the Riverland Amateur Radio Club was called to order by President Walt, AA9AW, at 7 p.m. with 28 members in attendance.

There were no guests or visitors present.

The treasurer's report was given by Duane, W9HWQ, and was accepted as read.

COMMITTEE REPORTS

Trailer Committee: Chairman Greg, KA9FOZ, told us that the generator was repaired. A brush had been causing the problem.

Swapfest: Chairman Judy, N9LGV, informed us that flyers have been printed for the Nov. 7, 1992 event. Judy informed us of the possibility of using the American Legion Pole Building for the 1993 Fest and making it a joint venture with the Antique Radio Club. She asked for input and guidance. A motion was made by Bill, KE9XQ, to commit ourselves to the project, setting an earlier date, and obtaining the American Legion Building. Motion seconded and carried.

Repeater Technical Committee: Chairman Van, WA9FIO, distributed a paper regarding INTERFERENCE FIGHTING to combat OBNOXIOUS, PROBABLY UNINTENTIONAL INTERFERENCE. He asked us to listen and note any interference regarding its time and location.

Program: Chairman Feroz, WU9N, reviewed the program schedule. Tonight is Show and Tell. October will bring Dean, KQ0C, on rotor servicing and rebuilding. The SET exercise will be held on October 17, and the RARC Emergency Trailer Demo will be held at Riverside Park on Sunday, October 18. The Boy Scout Jamboree on the Air is being held the same week, and we will notify the Boy Scout Council of our activities, hopefully attracting some Scouts.

November is open, with the exception of possibly drawing names for gift exchanging.

December is also open.

Special Interest Groups:

D-F Group: no meeting.

Ambassador Group: Kent, W9LZQ, visited the Monroe County Amateur Radio Club in Tomah.

Awards Committee: Bill, KE9XQ: no report, although a hand was given to Feroz, WU9N, and Scott, KA9FOX, for their efforts on traffic handling during the Andrew-Florida hurricane. Scott did a great job in getting TV, radio, and newspaper coverage, which was excellent PR for RARC.

Kent, W9LZQ, reported on the membership drive, as he contacted 12 to 14 people who had not renewed their memberships. He received only two positive responses.

OLD BUSINESS

Regarding a motion at the last meeting to investigate a 450 MHz repeater site, Kent informed us that the site is being rented commercially, although another site is being considered.

NEW BUSINESS

None.

Meeting adjourned at 7:56 p.m.

The Show and Tell program was a success.

Submitted by Dick, K0JYB

MEETING ATTENDANCE

Dick Low	K0JYB
Duane Fruechte	W9HWQ
Walt Altus	AA9AW
George Kroner	KE9PL
Joe Mazera	WA9SOQ
Bill Wood	KE9XQ
Kent Helman	W9LZQ
Greg Miller	KA9FOZ
Judy Williams	N9LGV
Bruce Losby	N9PZF
Bruce Ladron	N9PZE
Jim Darnell	
Hugh W. Barker	KA0EJZ
Brian McCarty	N9IWP
Scott Neader	KA9FOX
Mike Tessmer	N0BSH
Feroze Ghouse	WU9N
Van Elston	WA9FIO
Dennis Keifner	N0BKW
Thomas Lightfoot	N9OKF
Dan Abta	N9PZC
Adam	N9HQE
Mike Warnock	WN9P
Scott Beebe	N9PZG
Brent Atchinson	N9PZD
Paul Bisping	N0PZB
Dallas C. Miller	K9LEC
Bob Wilson	N9LZK

operation on the 24 machine in the event of failure of the 91 repeater. The matter was referred to the repeater committee for evaluation.

Nat, W0OLZ, suggested that the Club conduct a fox hunt on 2 meters. Some interest was shown. The matter will be pursued further at our next meeting.

The American Legion Club has been reserved for the Club's Christmas Party to be held on Tuesday, December 8th.

The lunch committee for October is Bill, W9NNS, and Sue, KB9EUP.

The business meeting was adjourned at 8:00 p.m.

Club members then viewed a video which was presented to the Club for its participation in the High Ground Celebration near Neillsville on July 4th.

Respectfully submitted:
Don Franzmann, W9NFJ, Secretary

Mancorad Radio Club



John Meyer, NZ9Z, Secretary



P.O. Box 204 • Manitowoc, WI 54221-0204

GENERAL MEETING

August 12th, 1992

PRESIDENT: John Glaeser, (WB9ESM), **VICE-PRESIDENT:** Chuck Smith, (N9-KGL), **TREASURER:** George Cox, (N9BCX), **SECRETARY:** Lou Maylander, (KA9ZQF); **BOARD MEMBERS:** Ron Schaden, (WS9X), Bob Kubichek, (N9LVU).

OLD BUSINESS

(01) **TREASURER'S REPORT:** Accepted as read.

(02) **SECRETARY'S REPORT:** Accepted as handed out and read.

(03) **EMERGENCY VEHICLE ACCIDENT:** President John, (WB9ESM), reports receiving a bill from the City for \$2570.19 to repair damages done to the barrier that was hit by the Emergency Vehicle during Field Day. President John, (WB9ESM), had discussed the issue with the City Attorney and there was a verbal agreement that neither the Club nor the driver was at fault. Reportedly the City sends a bill automatically. President John requests that the author compose a letter to the City Attorney stating why we are not at fault. (Apparently a similar incident happened last week, in which the bridge barrier was brought down on a passing auto.) Plan is to get the Police report of the accident, and compose a letter to the City Attorney saying why we aren't culpable. Motion to send the letter is approved by Steve, (N9PBL), and seconded.

(04) **HALL RENTAL FEE:** This month's meeting is combined with a cook-out at Silver Creek Park Fieldhouse and approval to pay the \$63 fee is moved by Janice, (N9IQZ), and seconded by Steve, (N9PBL).

(05) **SPECIAL EVENT ON BOARD THE COBIA SUBMARINE:** Vice-President Chuck, (N9KGL), reports that the event is similar to last year's event. The Emergency Vehicle will be brought to the site Friday night, August 21st. Vice-President Chuck requests that operators not interfere with sub tours, and that any persons asking questions be referred to personnel manning the Emergency Vehicle. Vice-President Chuck, (N9KGL), requests that we show some ID to the tour guides. Reportedly no other clubs were interested in assisting. Ken, (N9HAG), reminds that Control Operators should be a General Class license or better and would like to see more involvement by the Club's Techs.

(06) **PARADE APPLICATION:** Secretary Lou, (KA9ZQF), reports that we have gotten an application to participate in the 1992 Lakeshore Holiday Parade, scheduled for Nov. 25th. No one expressed interest in being the contact person, so action was tabled until next month's meeting.

(07) **EMERGENCY VEHICLE-SPARE PARTS:** Board Member Ron, (WS9X), reports that he has found storage space in his father's shed for small items that will be "cannibalized" from the three

non-functioning Emergency Vehicles. Reportedly the offer to purchase the vehicles for \$600 is still valid, with the buyer promising to set aside parts we want to maintain as spares. Discussion centers around requesting that the transfer cases, axles, generators, and starters, be stored.

NEW BUSINESS

(01) **APPLICATION FOR MEMBERSHIP:** The first reading of Vern's (KB9EME) application for membership is passed.

(02) **WISCONSIN NET ASSOCIATION PICNIC:** President John, (WB9ESM), asks if there is any interest in having the Emergency Vehicle at the Wisconsin Net Association Picnic at New Holstein in order to increase our public relations. The approximate cost of the gas would be about \$60. Secretary Low, (KA9ZQF), suggests that \$25 of the Board's discretionary monies could be used toward the cost. Motion attend and fund as stated above made by Al, (KA9-YGO), and seconded by Board Member Ron, (WS9X).

(03) **REPLACEMENT OF BOARD MEMBER POSITION:** The Board Member position left open by the recent death of "Whitey", (WW9P), is discussed. Howard, (KE9YD), suggests that it remain open until new officers are elected. Al, (KA9YGO), suggests that someone be appointed. President John, (WB9ESM), asks if anyone is interested in filling the position; and seeing no volunteers, the position will remain vacant until the next election of new officers in October.

(04) **DISCUSSION REGARDING MINUTES:** Al, (KA9YGO), reports that he wants the Minutes from the last General Meeting read aloud as is stated in the 1974 Constitution of the Club. Secretary Lou, (KA9ZQF), reminds all that typed copies of the last General Club Meeting Minutes are always available for individual member's inspection, prior to a General Meeting, and that those minutes are "submitted for approval" and accepted or rejected/changed in Old Business. Howard, (KE9YD), asks if there had been some discussion regarding leaving names and call signs out of the *Smoke Signals* minutes. Secretary Lou, (KA9ZQF), reminds all that this had indeed been a suggestion by an individual, but that no motion or vote was made on the issue. Howard, (KE9YD), makes the motion that names and call signs be deleted from the *Smoke Signals* Minutes. Board Member Bob, (N9LVU), requests that voting be done via a show of hands. Motion to eliminate names and call signs from the *Smoke Signals* Minutes is defeated in a 4 to 9 vote, with the Secretary abstaining.

(05) **RESIGNATIONS:** The resignations of Secretary Lou, (KA9ZQF), Board Member Bob, (N9LVU), and President John, (WB9ESM), are submitted as effective immediately.

Submitted for approval:
Lou Maylander, (KA9ZQF)
Ex-Mancorad Secretary

MEETING MINUTES

September 9, 1992

The August meeting of the ManCo-Rad Club was called to order at 7:30 p.m. by President Chuck, N9KGL. Twenty-six members and guests were present.

Secretary John, NZ9Z, read the minutes. Former Secretary Lou, KA9ZQF, made a motion to forego the reading, as printed copies were available. The motion died for lack of a second. The minutes were approved as corrected.

Treasurer George, N9BCX, read his report which was approved as read.

Chuck, N9KGL, announced the appointment of the following members to fill vacancies: Yogi, WN9Q, Vice President; Carl, KA9ZTF, Board Member;

Red, N9GHE, Board Member; and John, NZ9Z, Secretary. They will serve until new officers take office in November.

OLD BUSINESS

Applications for new members were read and approved. We welcome to the club: Dave, KJ9I, Mary, KB9GOY, Mike, KB9GTT, Paul, KB9QFX, and Vern, KB9EME.

President Chuck announced a decision by the Board of Directors that the Emergency Communications Vehicle be kept off the road until the insurance claim is settled and the electrical system problem that is killing batteries is corrected. Chuck also asked that anyone who knows the

Please turn to page 12

Eau Claire Amateur Radio Club

Don Franzmann, W9NFJ, Secretary

2728 Marilyn Drive • Eau Claire, WI 54701

MEETING MINUTES SEPTEMBER 8, 1992

In the absence of both the Club's President and Vice-President, Secretary Don Franzmann, W9NFJ, called the meeting to order at 7:41 p.m. The Secretary's and Treasurer's reports were read and approved. Introduction of members and guests followed.

Carl, W9NW, reported on the recent illness of Corrin, KD9KL, indicating that she was now at home and would welcome visitors.

President, Bill, W9NNS, sent word that the club's 1993 Hamfest will be held on July 10th. The location will again be at the Northern Wisconsin State Fairgrounds in Chippewa Falls.

Jon, KE9KW, suggested that an outside 2-meter antenna be installed at the TV 13 studio in order to permit hand-held

ManCoRad Radio Club

Continued from page 11

whereabouts of the second set of keys for the truck please contact him.

The new membership certificates are in the hands of the club Treasurer and upon issuance will be dated to the year the member first joined ManCoRad. Certificates will be issued once to each member - if a membership lapses and subsequently is renewed, no new certificate will be issued. The new annual membership cards will be distributed upon membership renewal for 1993. (Members are reminded that the new membership year starts in November. A subscription to the *Badger State Smoke Signals* is included in the membership.)

Our club President, who also coordinated this year's Cobia Sub Special Event, reported that the Special Event was a success, making more than 475 contacts despite degraded band conditions. Chuck thanked all those who participated, keeping both stations on the air during most of both days. The QSL Party will be in October, after the tide of QSL requests slows a bit. More information on this will follow.

Chuck also asked for volunteers to make another try at sifting through the last 15+ years of club minutes in an attempt to update the ManCoRad Constitution and Bylaws. (The last printed Constitution/Bylaws date from about 1974.) Yogi, WN9Q, Janice, N9IQZ, and John, NZ9Z, volunteered, along with Chuck, N9KGL.

Your Secretary reported on the recent corn roast/picnic at Way-Morr Park for the Fox Cities ARC, the Green Bay Mike and Key Club, and the ManCoRad Club. Although the turnout could have been larger, the food was great and the chance to chat with members of the other clubs was appreciated by all. Many thanks to Don Baker, NB9J, of the Fox Cities ARC, for all his efforts in organizing it!

John, NZ9Z also received a letter from the Wisconsin Dept. of Transportation stating that the ManCoRad Club will be considered for the Adopt-A-Highway Program in 1993. (You may recall that the application had been put in for 1992, but was turned down because it arrived a day after the deadline.)

Red, N9GHE, has found several solid-state 2 meter repeater transmitters at a good price to replace the club's tubed model. A motion proposed by Clancy, KB9ECW, and seconded by Ron, WS9X, was unanimously passed authorizing Red to purchase one of these for the club.

Al, KA9YGO, presented a list of ARRL books currently in circulation at the Manitowoc Public Library. The list show-

ed that only three books were acquired in 1991, in contrast to the 23-book set of ARRL books donated last year. Lou, KA9ZQF, whose wife works at the library, said that they are in the process of changing their computer system and are way behind in processing new acquisitions. The books may not be on the racks yet. President Chuck will look into it.

Janice, N9IQZ, noted that with the truck temporarily off the road, it would be best not to commit to being in the Manitowoc Holiday Parade in November.

NEW BUSINESS

The president asked for volunteers for the Nominating Committee, as elections will be held at the October meeting. Clancy, KB9ECW, having prior (1991) experience "volunteered", as did Carl, KA9ZTF, and Steve, N9PBL.

The ManCoRad Midwinter Party will be organized by George, N9BCX. Red, N9GHE, made a motion that it be held once again at the Cedar Ridge Restaurant at the Maribel exit of I43 on the 2nd Saturday of January (with the 3rd Saturday as the alternate). The motion was passed unanimously.

An extensive list of possible programs that could be presented at the monthly meetings was detailed by Yogi, WN9Q. He encouraged anyone with special interests within ham radio, ranging from SSTV to RC models, to step forward to share it with the rest of the club.

Ron, WS9X, gave an explanation on the use of the macros for the 146.61 club repeater auto patch. He also handed out lists of the macros to the members present. Red added that his macros will be basically the same once he gets them added to his 147.03 machine.

Mary, KB9GOY, told the club of Ron Vnuk, a resident at the Park Lawn Home with MS, who would like to talk about radio with anyone caring to visit.

Mike, AA9AA, commended Clancy, KB9ECW, for his articulate demonstration of ham radio on Green Bay television during the Hurricane Andrew disaster. President Chuck also commended Chuck, W9BZU, and Willy, W9TQV, for their efforts along with Clancy at the Manitowoc Red Cross ham station during Andrew. Members present responded with a hearty round of applause.

A lunch after the meeting was announced by the secretary.

Several "For Sale" items were announced.

A motion to adjourn was made by Carl, KA9ZTF, seconded by Chuck, W9BZU, and passed unanimously. The meeting adjourned at 8:30 p.m.

Submitted for approval:
John Meyer, NZ9Z, Secretary

Northern Wisconsin Radio Club

- Since 1923 -

Steve Hart, KA9OMC, Secretary

Route 1, Box 54 • Knapp, WI 54749

Greetings, NWRC members and guests.

The next meeting of NWRC will be October 27, and will be the election of officers. It appears that Ken, KE9CS, will not seek another term as president, due to a commitment on Tuesday evenings. Many thanks to Ken for all his efforts putting together excellent programs and helping with the Field Day exercise.

Running for president, anyone? Remember, our club and hobby can only be successful if we give back to the hobby and not just take from the hobby. If you're interested in serving the club, be at the next meeting at the Peppermill Restaurant, Thunderbird Mall, Menomonie. Meeting time is 7:30 p.m.

It is time to renew your membership

with NWRC. Dues are \$5, or \$10 with a subscription to *BSSS*. There was a mixup at *BSSS* HQ, and some *BSSS* renewals were sent to the individual subscribers. Please send me your dues and renewals so the club can continue to subsidize your *BSSS* at the much lower rate.

Ron, WB9WKO, reminds everyone of the annual fall bonfire at his home near Knapp on October 3. Bring a dish to pass and warm clothes. The plan is to start after 5 p.m.

At this writing, the banquet has not yet become an historical event, so I will have all the details next issue.

Steve Hart, KA9OMC
NWRC Secretary/Treasurer

Advertising Space Available

Badger State Smoke Signals has, or will have, space available on our card ad page (the last page of each issue). HAMFEST SPONSORS: We have one space open. A special reduced rate is given to clubs and other non-profit groups for these ads. One free display ad is also given with this plan. COMMERCIAL BUSINESSES: We will have two spaces available, beginning in our January, 1993 issue. Our ad rates will increase, beginning January 1, 1993. Ad space reserved now, however, will be sold at the current rates. For information, drop a note to *Badger State Smoke Signals*, 412½ Ash St., Upper, Baraboo, WI 53913-2501.

Sheboygan County Amateur Radio Club

Steve Meifert, KF9KZ, Secretary

1525 New Jersey Avenue • Sheboygan, WI 53081

The September 8, 1992 meeting was called to order at 7 p.m. by President Chad Christianson, N9HMR.

The minutes from the August meeting were read by Steve, KF9KZ, and Luiz, KA9HUF, gave his report on the Club's treasury.

Volunteers were enlisted for the Monday night 2 Meter Net Control, and there was no report from the Technical Committee.

OLD BUSINESS

The Fox Hunt will take place on September 26th at 1 p.m., with a steak fry at Cleveland Park in Sheboygan to follow.

NEW BUSINESS

The club has received a letter from the Red Cross relative to our knowledge in the area of disaster preparedness. In one of the upcoming months, in lieu of our regular meeting, the Red Cross will present an introduction to disaster services for club members. This should help us understand a little more about the Red Cross, what they do, and how we can better assist them if the situation should arise. The program will last approximately 2 1/2 hours. More info on this in October.

The presentation of our new Ham awards by Tom, AA9BJ, has been postponed until next month.

Once again the notorious FLAT TUBE, the Club's traveling trophy of excellence, has found its way into the hands of a well deserving member. Congratulations.... AL MARTEL, NF9R! When Chad said that Al was outstanding in his field, he was right. Al was out, standing in his field, getting ready to make another climb up the tower. But seriously, Al has donated numerous hours of work, the use of his personal antenna tower, and

EXAM NOTICE

The SCARC VE team (ARRL/VEC) will administer Amateur Radio License Exams on October 27th at 6:30 p.m. at the Red Cross Building, 2032 Erie Ave., Sheboygan. Preregistered applicants will have first priority. For registration information contact Tom Hetzel, AA9-BJ, 1658 S. 26th, Sheboygan, WI 53081. Phone (414) 458-2307.

even his call to our repeater system on 147.06+. This is our way of saying THANKS. (Look on the bright side, Al, it's only for a month!)

The Club's Activity Award is presented monthly to the Member who has shown proof of the most number of contacts for the preceding month. Bring your log to each meeting for verification. If you have any questions, see Penny KB9BJM. This month's winner is Tom Hetzel, AA9-BJ, with a zillion (28) contacts. Congratulations Tom!

The proposal of offering the first year reduced membership fee to No-Code Technicians was discussed briefly and referred to the Board.

Packet news: See Al, NF9R, for a list of new network commands. CD ROM Callbook info is also available.

The meeting was adjourned at 7:39 p.m.

Following the meeting Lyle Ten Pas, WE9R, presented a short program on Fox Hunting and even gave away a few of his techniques.

Respectfully submitted:
Steve Meifert, KF9KZ

Racine Megacycle Club

Arne Moxness, KA9ZPY, Secretary

3345 Newman Road • Racine, WI 53406

CLUB MEETING
OCTOBER 14, 1992

This was a combined business meeting and tour of the 911 operation at the Racine Police Department. Approx. 40 hams and wives were present. Everyone gathered in the Auditorium in the basement.

It was decided to start the tour of the 911 operation first and have a short business meeting afterwards. President Brian, WD9FRH, introduced the speaker for the evening, Dave Smith, who is the Director of the 911 operation.

Mr. Smith guided all of us to the third floor, where the 911 operation is located. There was lots of room so everyone could gather around the dispatchers and listen to Mr. Smith as he explained the operation. There were many questions as we all watched the dispatchers in full swing.

After a while we all gathered outside the dispatch room so as not to disturb the operation too much, and Mr. Smith continued his description and took many questions. There were so many questions that the whole tour took almost one and a half hours.

We finally gave Mr. Smith his well-earned break, so he could leave, and we gathered in the Auditorium for a very short informal business meeting. It was

CALENDAR

Courtesy Racine Megacycle Club

Oct 3 Testing at Red Cross
Oct 11 Hamfest at Waukesha
Oct 12 Megacycle Club Meeting
Oct 27 Lakeshore Club Meeting

Nov 7 Hamfest at Serb Hall
Nov 7 Testing at Red Cross
Nov 9 Megacycle Club Meeting

Dec 5 Testing at Red Cross
Dec 7 Megacycle Club Meeting

Jan 10 Hamfest at Waukesha

Apr 4 Hamfest at Madison

May 20, 21, and 22
..... Hamfest at Racine

decided that since it was so late that the business meeting be canceled. The meeting ended at 9:00 p.m.

At the next Club meeting, the program will be the second half of Bob Jensen's, W0WLN, war experience as a POW.

Respectfully submitted,
Arne, KA9ZPY, Secretary

MOVING? PLEASE SEND YOUR NEW ADDRESS TO KEN
EBNETER, K9EN, 822 WAUONA TR., PORTAGE, WI 53901.

WATTS SNOO



WB9QFW 2-Meter Repeater 146.07-.67 and Club Station

P. O. Box 847 • Plover, WI 54467

The meeting was called to order by Art, N9BCA, at 7:30. 25 members and guests introduced themselves, the roll being as follows:

Art Wysocki	N9BCA
Jim Benak	KA9ACE
Frank Guth	W9BCC
Paul Nelles	K9DB
Doc Rifleman	WA9N
Joe Larson	N9JW
Bob Baird	W9NN
Brian Feltz	WB9E
John Feltz	WA9LWJ
Scott Jasper	NE9U
David Tamres.....	
Gordon Miller	KE9IA
John Kinney	KF9FI
Linda Kinney	N9KQU
John Kalinn	KA9DJA
Joe Omernik	N9CGV
Kevin Haase.....	
Frank Podach	N9JQR
Mike Urban	KB9GXV
Mike Eiden	WD9JID
Deb Kroll	N9EIL
Gene Kroll	KE9MA
Mary Eiden	KA9FAS
Mike Pagel	KA9LAQ
Steve Knaus	N9PAT

The first item on the agenda was Swapfest. Due to the rising costs involved with having the swapfest at the University, some other locations are being explored. Art, N9BCA, reported that Pacelli was not overly enthused about hosting the event and asked for any other suggestions. John, WA9LWJ, suggested the Junction City armory, Joe, N9CGV, suggested the Point armory and would look into its possibilities. Scott, NE9U, mentioned Sentryworld. All these options will be explored, as well as any others that might come up.

Art, N9BCA, brought us up to date on the search for bulk coax. Since several members have expressed interest in buying coax through the club, he was looking into sources for the best price for bulk supplies. So far, \$.52/ft for 100+ foot rolls or \$.47 for 1000+ foot rolls. He will check other sources, but anyone interested can contact him.

N9JW, Joe Larson, will be offering novice classes again this fall at the University. They will begin on Sept. 30 (Wednesday evenings), and continue for 10 weeks. They will be held in room A-106 of the Science Bldg., and run from 7:30 to 9:30 p.m. He also asked the club for reimbursement for any expenses that might be incurred for the classes. Anyone interested in these classes or in helping out can contact Joe at 344-1182.

Bob, W9NN, then came before the membership with several concerns, some that were brought to him by other members. One area was the problems we are having with the .985 machine coming up when people try to access the Merrill repeater on 146.97, even with modest power levels. It was suggested that if the receiver could not be narrowed sufficiently to eliminate the problem, perhaps using that machine to replace the aging .67 one at the University since it is not being affected and buying a new system for .985.

Other concerns brought up were the lack of use of the repeaters and the apparent reluctance of hams to start conversations with those who may be passing through the area and access the systems. The last area of concern was the "health" of the ARES system in Portage Co. An intense discussion followed on these concerns and the suggestions presented will be acted on/taken under advisement.

The last item of the evening was the election of officers for the coming year. The nominees and results of the balloting follow:

PRESIDENT

Art Wysocki, N9BCA
(unanimous ballot cast)

V.P.

Debbie Kroll, N9EIL	12
Frank Podach, N9JQR	
Brian Feltz, WB9E	7

SECRETARY

Joe Larson, N9JW	11
Mary Eiden, KA9FAS	10

TREASURER

Scott Jasper, NE9U	12
Joe Larson, N9JW	7

ACTIVITIES MGR.

Mike Pagel, KA9LAQ	15
Mary Eiden, KA9FAS	7

EQUIPMENT ENG.

Ron Howe, NJ9H (unanimous ballot)

Congratulations to all of our officers and all the best in the year to come.

Our next meeting will be Oct 14, in room A-109 of the UWSP Science Bldg.

73, de KA9ACE
(Amen)

New Products

AEA Multi-Port Controller

Now available from AEA is the DSP-1232 Multi-mode Data controller, featuring Digital Signal Processing. A single port version of the DSP-2232, this controller features:

Packet, AMTOR, Baudot, ASCII, Morse Code, NAVTEX, WeFAX, and more; All Satellite digital modes, 9600 bps K9NG/G3RUH; 2400 bps; Automatic identification of most types of digital

signals; Software DSP modems - future upgrades installed on EPROM chips; Upload new modems into RAM from disk or telephone BBS; Software switchable radio port selection; Complete 18K byte personal mailbox - accessible through Packet and AMTOR; and much more.

This new controller eliminates the need for external modems for satellite work or high speed data, as all the modems exist in software.

The suggested list price is \$799. For a product data sheet and a list of authorized dealers, call AEA's Literature Request Line at (800) 432-8873.

- AEA news release

Christmas/Holiday Greeting Cards

Courage Center in Golden Valley, Minnesota, offers a free catalog of beautiful cards for the Christmas season. Courage Center operates 81 different programs for the disabled, and uses the profit from card sales to help fund those programs, including the Handi-Ham System. Sixty percent of the cards feature artwork by disabled artists. To get a catalog, in Minnesota call 612-520-0585. Outside Minnesota, call toll-free 800-852-9452.

Taylor County Area Amateur Radio Club

Mike Schoenfuss, N9GHZ, Secretary

Abbotsford, WI 54405-0401

TAYLOR COUNTY AREA AMATEUR RADIO CLUB MEETING ANNOUNCEMENT

The next regular meeting will be held on Thursday, October 1st at 7 p.m. in the Emergency Government meeting room/Red Cross office, located in the basement of the sheriff's annex to the Taylor County Courthouse, corner of 2nd and Ogden Streets, Medford. Talk-in on 147.75/147.15 repeater.

EXCERPTS FROM MINUTES OF 9/3/92 TAYLOR COUNTY AREA ARC MEETING

Meeting was called to order by President N9GEN. Present were N9GHZ (Abbotsford), KB9BLV and WD9FWP (Dorchester), N9LHY and N9QVX (Sheldon), N9IDW (Lublin), W9LEE (Westboro), N9LIU (Holcombe), N9GEN (Medford), and KE4FE (Rib Lake).

Minutes of the August, 1992 meeting were read by Secretary N9GHZ. Treasurer's report by Treasurer WD9FWP indicated a balance of \$898.43.

The VE exam session scheduled for October 17th in Medford was discussed. N9GHZ reported that he has received confirmation of the Multi-Purpose Building at the Taylor County Fairgrounds being reserved for that purpose. N9GEN will confirm the date again with WA9W from the Tomahawk VE team. Arrangements will be made to ensure enough VEs will be present on that date. N9GHZ is handling publicity for the exam session.

There was nothing new to report on the new Taylor County mobile command post bus.

The club's 2-meter repeater was discussed. The new portable repeater antenna and the new repeater power supply have not yet been ordered. A letter of thanks has not yet been sent to the Anne-Marie Foundation.

Motion by N9GEN, seconded by W9LEE, to amend last month's motion, to read "...to purchase any power supply of adequate capacity for the repeater, taking into account future needs, to replace the existing repeater power supply." Motion to amend the motion carried. The secretary was directed to look into the purchase of a Pyramid Model PS35 31-amp power supply.

It was reported that there was still no written reply or billing yet from BSSS for members' subscriptions. It was the consensus of the membership present to take no further action until the October meeting. (Secretary's note: A billing has since been received.) KE4FE reported that he had recently paid the club to renew his subscription but that it had run out. The secretary and treasurer will look into this.

N9GHZ reported that the Taylor County Office of Emergency Government will be conducting a hazardous materials table top simulated emergency exercise on September 23rd, and that he will be in attendance representing Taylor County ARES. Other interested observers are invited to attend, and the following expressed an interest in doing so: KB9BLV, N9LHY, KE4FE, and N9IDW.

N9GHZ reported that a request was received for Amateur Radio communications services from the Marshfield chapter of the Vietnam Veterans of America for a 30-mile walkathon to be held on Saturday, September 12th. It will start from the National Guard armory in Marshfield and end at the Highground Veterans Memorial just west of Neillsville in Clark County. N9GHZ is looking for operators to assist with this event.

The disposition of the camera and monitor donated to the club by W9FPE was discussed. Motion by KB9BLV, seconded by N9LHY, to sell the equipment to KE4FE, who expressed an interest in buying it. Motion carried. Proceeds of the sale will be used for repeater system im-

Silent Key

Earl Henline, WA9KMB, Medford, passed away on August 23rd. Earl, who was 78, was a long-time member of the Taylor County Area Amateur Radio Club.

provement and general club activities.

Motion by WD9FWP, seconded by W9LEE, to send a sympathy card to the family of WA9KMB and to donate in his name a current Novice/Technician license study guide to the Medford Public Library. Motion carried.

There was some discussion on the possibility of club members selling raffle tickets for next year's Medford Kiwanis Club Ice-Out Contest. The Amateur Radio club would keep a percentage of the amount they sold. There was some initial interest by the membership present, but several questions were brought up and the secretary was directed to contact the Kiwanis Club to get answers before any commitment was made.

It was announced that there will be a couple of Amateur Radio license preparation classes starting soon in the area. Classes will start in Sheldon on September 24th, with N9LHY as instructor. Classes will start sometime toward the end of September in either Loyal or Greenwood, with N9GHZ as instructor.

N9GHZ reported that he had sent in a registration form for the next issue of the ARRL Net Directory, for the weekly Taylor County ARES Net.

Meeting was adjourned at 9:01 p.m.

CLARK AND TAYLOR COUNTY AMATEUR RADIO NEWS

New Area Repeater

There is a new 70cm-band repeater on the air in the Sheldon/Lake Holcombe area, at Flambeau Hills. The output is 444.975 MHz, with a +600 kHz offset.

New Hams Receive Callsigns

The following new Amateur Radio operators recently received their callsigns from the FCC: Joanne Lundgren, Sheldon, N9QVX (XYL of N9LHY); Dave Rosolowsky, Conrath, N9QWS; Mike Tomaszewski, Conrath, N9QVY; Henry Peterson, Owen, N9QWB; and John Lindberg, Ladysmith, N9QWH.

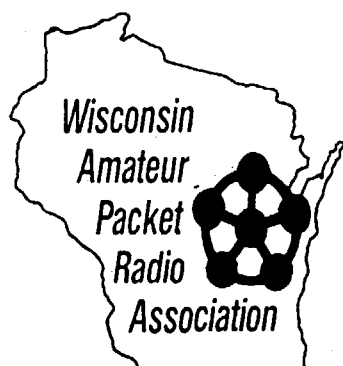
Congratulations to.....

- Jerome Lang, N9PUW, Sheldon, who passed the exams to qualify for a Technician Class Amateur Radio license earlier this year. He passed his Novice theory exam at Tomahawk in April and passed his Technician theory exam, also at Tomahawk, in May. Jerome is 16 and a sophomore at Gilman High School. His uncle is Walt Lang, N9LIE, Sheldon.

- Mike, N9GHZ, who upgraded to Extra Class at the VE exam session held in Marshfield, WI on September 12th, having passed the 20 WPM code exam. □

Attention Clubs!

Badger State Smoke Signals would like to publish photos of your club's activities. Photos should be properly focused and exposed. Color prints are acceptable. When you send photos, please identify all subjects by full name and call sign. Photos are not normally returned. Send your pictures of your members in action to *Badger State Smoke Signals*, 412 1/2 Ash St., Baraboo, WI 53913-2501.



THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association (WAPR)

William Schroeder, W9ZBD

4247 Forest Point Drive • Rhinelander, WI 54501

Steve Loeffler, WB9ZRE, Editor, 123 W. Oshkosh St., Ripon, WI 54971

NETWORK MEETING

All the Guru's and Gophers for the Wisconsin backbone network from Durand, Chippewa Falls, Meteor Hills, Timm's Hill, (Park Falls), Rhinelander, Wausau (Rib Hill), Waupaca, (Iola), Neenah, Green Lake, Lodi, Slinfer, SLINGER, Sheboygan, Burlington, La Crosse, Tomah, and those who in our membership are interested in linking to the system, and who are willing to put some of their resources into further enhancement are meeting in:

STEVENS POINT

The Newman Center (University Campus)
Corner of Fourth Avenue and Reserve St.
2108 Fourth Avenue
Stevens Point 715-345-6500

SATURDAY OCTOBER 24 at 10:00 AM

The meeting will begin early and close by noon. We will discuss:

1. Increase baud rate of system especially the six meter links.
2. New links to Michigan and Thunder Bay, Canada.
3. Housekeeping rules and future growth
4. High speed (9600) link to Minnesota system, whether by Minneapolis or La Crosse.
5. Development of high speed links from La Crosse to Lodi.
6. Open Forum

Interested persons are welcome at this meeting. We would welcome anyone from our neighboring states also.

Adjourn: 12:00 noon.

Questions? Contact W9NNS @ W9NNS.#CFL.WI.
Bill Jablonske 715-723-4088

New 9600 BAUD BACKBONE FROM LA CROSSE

The new 9600 baud link from La Crosse to Rochester and the Twin Cities is now a reality and we are excited about it! It was enjoyable seeing a link from the BBS in Onalaska to another in the Twin Cities connect in less than 10 seconds!

Of course, the traffic flow was not nearly so perfect and there are bumps and valleys...but in general things appear to be working great and the GOOD NEWS is that it takes a lot of wear and tear off 145.01.

Our long endeavored project has come to fruition. Among other things it will benefit others in Wisconsin by taking some traffic off 145.01 and providing a backbone for forwarding traffic to the west in a much more efficient way.

Thanks to all contributing WANA members who are helping to make it possible and a big thanks to the KOSIR, N6VB, WDOHEB and the gang at SouthLAN for all of their help and assistance; without them, we could not have completed this exciting project! Thanks to Walt AA9AW for all of the assistance in getting the 9600 baud radios and modems running and for his financial assistance and work efforts. WCOV, Dan installed our 220 antenna at Nodine for which we are extremely grateful since I like my feet on the ground! 73, Kent W9LZQ

More Greatest Radio Lies

You sound distorted, what's a 5 up switch?

PACKET CONFERENCE

The 11th ARRL Amateur Radio Computer Networking Conference is Nov 7, 1992, at Fairleigh Dickinson Univ in Teaneck, NJ. Along with an all-day technical paper presentation session, the schedule includes morning introductory and how-to seminars and evening posterboard sessions and vendor presentations. For registration and accommodation info, contact this year's sponsors, the Radio Amateur Telecommunications Society (RATS), PO Box 93, Park Ridge NJ 07656-0093, or phone 201-387-8896.

In conjunction with the 11th Networking Conference, the ARRL is sponsoring an all-day course on digital signal processing, to be held Nov 6 at the Best Western Oritani in Hackensack, NJ. ARRL Sr Engineer Jon Bloom, KE3Z, will conduct the course, which includes what's available in hardware and software, articles and trade literature, current projects, resources and programming concepts.

EQUIPMENT NEEDED

As Communications Chairman for the Dane County Chapter of the Red Cross Disaster Committee, I am sending out an appeal for the donation of amateur radio equipment. This equipment will be utilized in the event of a disaster such as the tornado that ripped through Dane County recently.

What we would like to do is set up a simple packet network between stations set up at emergency shelters and the Red Cross radio room. The packet stations would be used in addition to the HTs and mobile rigs already being used by the amateur radio volunteers.

We currently have software that would be used in a variety of disaster situations:

- Registration of individuals at Red Cross shelters
- Patient/victim tracking in a multiple casualty incident
- Maintaining staffing information about hams assigned to an emergency
- Listings of road closures or damage reports

that bit of background information and to make this system work, I am seeking donations of the following equipment to be used by amateurs, to help the Red Cross during emergencies:

- 1) TNCs - We will need at least four TNCs to make this system work. VHF 1200 baud, nothing fancy here.
- 2) Dumb terminals - We would need at least four but more would be better. They'll keep and that way we have backups.
- 3) Computer - A computer would be required to run the software. An IBM XT would fit the bill just fine. Around 640k, one disk drive and a 10 or 20 meg hard drive would be fine.
- 4) A monitor - For the above computer. Nothing fancy is needed here, just working...
- 5) 2m radios - HTs or mobile rigs would be necessary to make packet a reality. Obviously one for each station is necessary. Volunteer amateurs supply their own radios for voice communications.
- 6) Power supplies - We would need four 12v 10-15amp power supplies.
- 7) Misc. - In addition to the above items, we will also need coax, power cords, computer cables and 2m base and mobile antennas. Base antennas could be verticals or beams

and magnet mount mobiles.

You may think that this is asking for a lot...and it may be but if you are ever in a disaster situation and the Red Cross helps you out this will seem a small price to pay. Please think about it..... There is no better way to keep the public on our side than through community service.

If you have any questions I can be reached via packet at WD9ESU or by phone at (608) 221-3524. I do have an answering machine if you wish to leave a message. Thank you very much and I hope you might find a few items laying around the shack that might be put to much better use.

Sincerely, Mike Sonn KF9AF

4804 McKenna Rd, Monona WI 53716

EzPacket Version 1.6

from Poor Man's Packet Newsletter - 7/92

Here's how EZPACKET's author Frank Domina - N9MXI, describes his creation in the first paragraph of the README.TXT file included with EZPACKET:

"EzPacket is written for use with a Poor Man's Packet (PMP) modem. The original PMP software was written by Andrew C. Payne. I used that code as a model for this program. More than 95% of EzPacket has been written from scratch. Only a few small pieces of code remain nearly the same as Mr. Payne's code. Those pieces perform the low-level bit I/O and they will be replaced in the next version."

The EZPACKET program will appeal to many of the PMP user's, since a few of the commands will be familiar. The software has many options for selecting screen colors, port parameters, active and inactive port packet presentations, and more! Also, EZPACKET allows customizing the user's preferences WITHIN the program (options can be modified AND saved at any time). PMP only allowed modifications to an the EXTERNAL configuration file, PMP.CFG, with an editor and re-running the program (BayCom works the same way...although the user has control over ALL of its parameters when running).

Features of the EZPACKET program include support for multiple sessions, with file logging, a DOS shell, sending DATAGRAM messages, and the already mentioned program configuration options. I LIKE THIS SOFTWARE! CHECK IT OUT!

Here is a list of EZPACKET's Version 1.6 commands:

- Alt-A About this program
- Alt-B Send Beacon
- Alt-C Connect
- Alt-D Disconnect
- Alt-O Configuration Options
- Alt-H Help (shows this screen)
- Alt-P Pause entire screen (continues receiving)
- Alt-F Write session's current screen to file
- Alt-W Write session's entire screen scroll-back buffer to file
- Alt-L Log session's I/O to a text file (Use for downloads)
- Alt-U Upload (send) a text file
- Alt-J Stations recently heard (updated real-time)
- Alt-N Nodes recently heard (updated real-time)
- Alt-E Erase BOTH Stations Heard AND Nodes Heard lists
- Alt-S Show system status (updated real-time)
- Alt-M Send Datagram Message (no receipt acknowledgment)
- Alt-Z DOS shell (I/O lost while at DOS)

Alt-X Exit EzPacket
 PGUP/DN Scrollback page at a time
 F1-F8 User defined keyboard macros
 F10 Switch session that keyboard goes to

The EZPACKET Version 1.6 software, and any timely updates can be obtained from THE PRECISION BBS in Schaumburg, IL at (708) 391-8773. Bill Cohn - N9MHT, is the SYSOP. You can also contact the author at this BBS, or by writing:

Frank Domina - N9MKI
 236 W. Norman Lane
 Wheeling, IL 60090

Bill - WB9BBC

Wish I Had Said That Dept.

In promulgating your esoteric cogitations, or articulating your superficial sentimentalities and amicable, philosophical or psychological observations, beware of platitudinous ponderosity. Let your conversational communications possess a clarified conciseness, a compacted comprehensibility, condescent consistency and a concatenated cogency. Eschew all conglomerations of flatulent garculity, jejune babblement and asinine affectations. Let your extemporaneous descantings and unpremeditated expiations have intelligibility and veracious vivacity, without rhodomontade or thrasonical bombast. Sedulously avoid all polysyllabic profundity, pompous prolixity, psittaceous vacuity, ventriloquial verbosity and vaniloquent vapidty. Shun double-entendres, prurient jocosity, and pestiferous profanity, obscurant or apparent.

ARRL DIRECTORS NOMINATED

The following ARRL Members have been nominated for election to the ARRL Board of Dirs:

Central Div:

Dir: Ed Metzger, W9PRN
 Vice Dir: Mike Hoshiko, W9CJW
 Howard Huntington, K9KM

Hudson Div:

Dir: Vincent Biancomano, WB2EZG
 Joe Fairclough, WB2JK
 Steve Mendelsohn, WA2DHF
 Vice Dir: Jim LaPorta, N1CC
 Paul Vydareny, WB2VUK

New England Div:

Dir: William Burden, WB1BRE
 Vice Dir: Warren Rothberg, WB1HBB

NW Div:

Dir: Mary Lewis, W7QCP
 Larry Luchi, W7KZE
 Vice Dir: Mary Lou Brown, NM7N

Roanoke Div:

Dir: John Kanode, N4MM
 Vice Dir: Dennis Bodson, W4PWF
 David Boyd, K9MX
 Carl Smith, N4AA
 Jimmy Walker, WD4HLZ

Rocky Mtn Div:

Dir: Marshall Quiat, AG0X
 Vice Dir: Rob Scupp, WB5YYX
 Bill Sheffield, KQ0J

SW Div:

Dir: Fried Heyn, WA6WZO
 Vice Dir: Art Goddard, W6XD

W Gulf Div:

Dir: Tom Comstock, N5TC
 Vice Dir: Sam Sitton, KV5X

One petitioner for the office of Dir was ruled ineligible by the ARRL Elections Committee. At present, the petitioner has appealed to the full Board for consideration.

Central Division ARRL members will be receiving ballots soon for the Vice Director Election. Be sure to vote and return your ballots to be counted.

Also be sure to vote in the general election coming up in November. YOUR VOTE WILL COUNT.

More Greatest Radio Lies

Sure you can test high voltage, just grab the wire fast with one hand.

Yellow Thunder Amateur Radio Club

WB9FDZ (Original Club Call) • K9ODK (Robert L. Prine Memorial Call)



Raymond J. Matlosz, N9MLZ, Secretary

450 West 2nd Street • Reedsburg, WI 53959



The September 17, 1992 meeting of the Yellow Thunder Amateur Radio Club, Inc., was called to order at 7:35 p.m. by Art Kleefisch, W9WSS.

The minutes of the last meeting, as published in the BSSS, were accepted on a motion by L.J. Hemmer, WB9TFJ, and seconded by Harold Reif, KA9YQP.

The treasurers report was given by Jim Decker, WB9UQT.

The Secretary announced "Kenwood Days" this Saturday, September 19, 1992 at Amateur Electronic Supply in Milwaukee.

L.J. Hemmer, WB9TFJ, offered the club the opportunity to cooperate with the Baraboo Library in submitting a list of desirable books on Amateur Radio that they may purchase for local use at the library. Art Kleefisch offered to follow up and contact the library.

The Chairman then asked if there were any more names that anyone wished to nominate for club officers. There being none, nominations were closed on a motion by L.J. Hemmer, WB9TFJ, and seconded by Bill Klinkner, W9KXX. All nominees were accepted by acclamation and are as follows:

President	Bob Sauvan, W19Q
Vice-President	Bill Klinkner, N9KXX
Treasurer	James Decker, WB9UQT
Secretary	Raymond Matlosz, N9MLZ

Five new members were admitted to the club. They are:

Charles Skooglum, WA9TAZ
John P Mc Donough, KB9HIT
Mark P Snyder, N9MVV
Thomas Harrison, N9PQJ
Donald Holcomb, WB4FEO

Mark Snyder, N9MVV proposed that the members get together daily at 9:00 p.m. on 28.4

MHz. This is in the novice phone portion of ten meters so that the newest licensees can participate.

The Buck Nite drawing was won by Phil Anderson, W9TP. Sorry Phil, but you were not here. That's two that Phil as lost this year.

A motion for adjournment was made by Harold Reif, KA9YQP, and seconded by L.J. Hemmer. The motion passed and the meeting was adjourned at 8:43 p.m.

Respectfully submitted,
 Harry Westlund, K9EHJ, Secretary

The next meeting of the YTARC will be held on October 13, 1992 in room 14 of the Baraboo Civic Center in Baraboo, WI.

The following members and guests were present for the meeting:

Raymond Matlosz, N9MLZ	Reedsburg
Duane Grotophorst, KA9HKL	Loganville
George G Gabay, W9QQR	New Lisbon
Tom Harrison, N9PQJ	Reedsburg
Richard G Wegner, N9MME	North Freedom
Rohbert Hemmer, N9LXX	Baraboo
L.J. Hemmer, WB9TFJ	Baraboo
Harold Reif, KA9YQP	Baraboo
Art Kleefisch, W9WSS	Baraboo
Robert Sauvan, W19Q	Sauk City
Ben Paepke	Prairie du Sac
Paul Snyder, KB9FCI	Sauk City
Mark Snyder, N9MVV	North Freedom
Harry Westlund, K9EHJ	Baraboo
Anne M Klinkner, N9PQL	Prairie du Sac
Bill Klinkner, N9KXX	Prairie du Sac
Jim Decker, WB9UQT	Baraboo
Ken Johnson, K9DZG	Mazomanie
Harry Mayland, K9EFT	Baraboo

ARRL EMI/RFI Consumer Pamphlet available.

The newly created ARRL EMI/RFI Consumer Pamphlet is now available from ARRL headquarters. This pamphlet is designed for an amateur's non-technical neighbor. It discusses the interpersonal aspects of EMI issues, responsibilities, causes, help, the Technical Coordinator, finding help and a few basic cures, all from a neighbor's point of view. (Pretty tough to cram all that on a 1-page, folded pamphlet, but we did it!)

You can get it from headquarters in several different ways:

1. Send me mail, asking for a copy of the EMI/RFI Consumer Pamphlet. Make sure to include your postal mail address.
2. Send an SASE to the ARRL Technical Department Secretary, and ask for the EMI/RFI Consumer Pamphlet.
3. It is also part of the large "RFI Tips" package, available from the Technical Department Secretary. Large-size SASE and 98 cents postage is appreciated.
4. Contact your ARRL Section Technical

Coordinator.

5. Multiple copies are available to SMs, TCs, TSs, local EMI/TVI committees, amateur radio vendors, and the like — essentially anyone who has a real need. Give me a call or send me email describing why you need a bunch. We only printed up 1000 for the first run, in case we need to make any more changes.

If anyone wants any specific help or information about an EMI problem, send me mail or call me here at HQ. I can get the process started.

73, Ed Hare KA1CV
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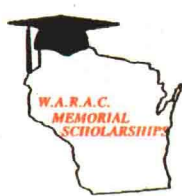


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